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PARK'S FLORAL MAGAZINE

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U. S. Department of Agriculture.



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GEO. W. PARK, Editor and Publisher,
Lapark, Lancaster Co., Pa.

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COXCOMB.



MAURANDIA.



PINK.



DOUBLE DAISY.



PANSY.



POPPY.



SNAPDRAGON.



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Anomatheca cruenta, a hardy plant, a foot high, often called Scarlet Freesia. Plant deep, in sandy soil, in a warm, raised border; or, pot for the house.

Hyacinthus Candicans, a member of the Lily family, often called Giant Hyacinth. It blooms in summer, bearing large, drooping bells on a stalk several feet high; hardy, and beautiful in a group.

Gladiolus, Early-flowering, the rare and beautiful dwarf Gladiolus; flowers mostly orange shade, with bright markings, borne in spikes, as shown in the engraving. Easily grown.

Montbretia, a free-blooming, summer-flowering bulb; flowers bright, in spikes, very showy in clumps; fine for cutting; not common, though of easy culture.

Oxalis rosea, a fine flower for pots or baskets; blooms in clusters in great profusion. One of the flowers that always please.

Ranunculus, French, very showy double flowers, large, of delicate texture, and showing many attractive colors. Should be better known.

Saxifraga granulata, a hardy herbaceous plant, eighteen inches high, with very small, bulbous root. Perfectly hardy, and soon forms a large clump. Flowers double, white, and handsome.

The engravings show the above described flowers but poorly. If you do not have this collection do not fail to get it now, when it may be obtained almost without cost. You will certainly be more than delighted with this premium. Tell your friends, and get up a club. Address

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MONTBRETIA.



OXALIS ROSEA.



FRENCH RANUNCULUS.



SAXIFRAGA GRANULATA.



ALLIUM.



ANEMONE.



ALSTROEMERIA.



ANOMATHECA CRUENTA.



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Catarrh—Cancer	Skin Diseases
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PARK'S FLORAL MAGAZINE.

A MONTHLY JOURNAL OF FLORICULTURE

Vol. XL.

May, 1904.

No. 5.

SPRING.

Oh! how I love in the spring-time
To pass a day in the sweet-scented woods,
When all of the plants that are growing
Wear their beautiful light-green hoods.
When the birds in their frolic are twittering
Mongst the wide-spreading branches above,
Each bringing a message of happiness;
A message of bliss and of love.

Snoh. Co., Wash.

Olga Advine Blacken.

ECCREMOCARPUS SCABER.

BELONGING to the Trumpet Flower Family we have a graceful and beautiful half-hardy evergreen climber generally known as *Calampelis scabra*, but in botanical works as *Eccremocarpus scaber*, the generic name being derived from *ekkrema*, pendent, and *karpas*, fruit, relating to the fruit. It comes from Chili, and like some other Chilean plants is hardy even north of Washington when grown in light, porous soil in a sheltered place and given some protection.

This vine, fairly represented in the engraving, has charming bipinnate foliage on angular, hairy stems, and masses of lovely flowers in fine racemes. It is admirable for covering walls, trellises and pillars, and if seedlings are started early they will begin to bloom in the autumn. They form fleshy, tuberous roots, which are hardy outdoors at the South, but should be lifted and kept in a frost-proof place during winter at the North. Started from the roots early in the spring the plants will bloom continuously the entire season. The plants may be propagated from cuttings as well as from seeds. This is a rare vine, and deserves more attention from lovers of showy vines.



ECCREMOCARPUS SCABER.

ORIENTAL POPPIES.

THE Oriental Poppies are glorious garden perennials. The plants are perfectly hardy, have magnificent green foliage, and strong stems which rise two feet high, bearing enormous brilliant flowers at their summit. Formerly the flowers were only of a scarlet color, but the French florists have recently developed other shades of color as well as increased the size of the flowers, so that we now have them in shades from bluish white to deep crimson, including salmon, and some varieties show flowers almost or quite a foot in diameter.

The blooming period of these giant and gorgeous flowers is during May and June,

and while it remains the clumps of hybrid Oriental Poppies are the most attractive objects in the garden. Blooming at the same time and about the same height we have the Phlox-like panicles of deliciously scented *Hesperis* or Sweet Rocket, and when mingled together as they grow the display can hardly be surpassed by any other garden flowers.

Oriental Poppies are not difficult to start from seeds, but require several weeks for germination, and the box or bed must not be neglected until the plants appear. If

started early in summer under favorable conditions the plants will bloom the next season. They are rather difficult to transplant, especially when the plants are large. When once established they increase in size and grandeur for many years, and can always be depended on for flowers. A clump of the plants is attractive before blooming on account of their graceful, plummy foliage. When the flowers open they are two or three feet high, and hence are very showy.

Park's Floral Magazine.

A Monthly. Entirely Floral.

J. W. Park, Editor and Publisher.
LAPARK, LANCASTER CO., PA.

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THE EDITOR invites correspondence with all who love and cultivate flowers.

MAY, 1904.

Circulation Bulletin.

Number of copies mailed of Park's Floral Magazine, as indicated by Postoffice receipts, for March, **376,186.**

Number of copies printed of Park's Floral Magazine, as indicated by press counters, for April, **377,510.**

Editorial.

ABOUT PHLOX.

THE various species of Phlox in cultivation are mostly natives of North America, and with few exceptions are hardy. The flowers are rather delicate and showy, of many rich shades of color, and produced in corymbs or panicles. Some species are dwarf and cushion-like, while others grow three feet, or higher.

Phlox Drummondii in its improved forms is one of our most beautiful and useful annuals. The plants grow a foot high, are of branching habit, and bloom continuously when not allowed to seed too freely. Set eight inches apart, the plants cover a bed well, and become a mass of rich bloom. The species is a native of Texas, and was introduced in 1835.

A very beautiful spring-blooming Phlox is *P. divaricata*, found in moist woods in Ohio, Michigan, and further north. It is dwarf and spreading, has large lavender-blue flowers in clusters, and patches of it appear, when in bloom, almost as an azure cloud. The beauty of this superb native Phlox, together with its tenacity and easy propagation should make it popular as a garden flower. It is to be regretted that it is almost unknown in cultivation.

A very showy and handsome perennial Phlox found in swampy places in Pennsylvania is *Phlox maculata*. It grows two feet high, with maculate or spotted stems, and bears large panicles of rosy-purple flowers during autumn. In appearance it is very much like a companion plant, Gen-

tiana Andrewsii, before blooming, and the chief distinction is in the stem markings.

Phlox paniculata is a taller growing species, larger in panicle and flower, and more robust in habit. It is also a native of the United States. This species with that of *P. maculata* may be regarded as the parents of the beautiful varieties of Phlox known as hybrids of *P. decussata*.

Phlox glaberrima suffruticosa is a sub-shrubby species growing two feet high, found in the South United States. It is the parent of the handsome varieties known as hybrids of *P. suffruticosa*.

Phlox subulata is the hardy Ground or Moss Pink, which has awl-shaped leaves and a profusion of pinkish flowers with darker center. It is found native from New York to Florida. It is often seen under cultivation, and being of spreading form and tenacious it is much used as a cemetery plant. It blooms in early spring, and is a lovely garden or cemetery flower. A white form of this Phlox is especially handsome.

There are other classified American species of Phlox, but many are synonymous with the ones above mentioned, which are the leading species for beauty and utility.

All of the species of Phlox may be propagated from seeds, and most of the perennials may also be increased by division. Varieties of *P. decussata* (*maculata*) and *P. suffruticosa* (*glaberrima*) are often rapidly increased by chopping the roots up and treating in a similar manner as seeds. Each little piece will take root and throw up a sprout, becoming a plant. Seeds of Phlox Drummondii start in from eight to ten days after sowing, but those of Perennial Phlox require several weeks, and often several months to start. Many persons sow the seeds in the fall, and the plants appear in the spring. If started early the plants often bloom the first season. A moist, sunny place suits them, and if the soil is wet and tenacious the plants thrive all the better. They make a fine summer display in groups or borders, and deserve to be generally cultivated.

Oxalis.—A favorite winter-blooming Oxalis that produces clouds of pink flowers on the approach of spring is *Oxalis floribunda rosea*. It is easily started from seeds, which germinate in from two to four weeks after sowing. It is handsome either as a pot or basket plant.

Acacia.—To prevent the fading and dropping of the lower leaves of *Acacia lophantha* the plants should be shifted into larger pots before the roots crowd and clog the drainage. This is the secret of raising fine, well-leaved specimens.

Sword Fern.—Shift this fern into a larger pot when it becomes root-bound, and tuck the little creepers in around the margin. By this means you will soon have a fine, large clump.

OME SALVIAS.

THE large Scarlet Salvias are gorgeous bedding plants, and glow with bloom throughout the autumn months. They are easily started from seeds, the plants appearing in from two to three weeks after they are sown. For pots on the piazza or for the summer window they do well, and are very showy. As winter-blooming plants, however, they are not so desirable, though the plants, under careful treatment, may show some handsome spikes. The



SALVIA PRÆTENSIS.

leaves of house-grown Salvias are subject to the attack of Aphides and Red Spider, and sometimes a blight comes that blackens and destroys the foliage.

Salvia patens is a half-hardy, tuberous-rooted Salvia introduced in 1838 from Mexico. The plants grow three feet high, and bear large, charming blue flowers during summer and autumn. It appears well among shrubbery; its long spikes pushing up among the leafy shrubs display the flowers in the most attractive manner. This species may be propagated by cuttings or by division, but the most rapid method of propagation is by seeds, which are nearly globular, and about as large as the seeds of the Double Balsam. They should be started early to bloom the first season.

A beautiful hardy perennial blooming in early summer is Salvia pratensis, and it is to be regretted that it is not found in every garden. The plants are spreading as shown in the engraving, grow two feet high, and the branches become wreathes of lovely buds and blossoms with enough green mingled to give them a charming appearance. This species is a native of Great Britain, and has long been in cultivation there, but is rare in America. The buds and flowers vary in color from lilac and violet to crimson, and the plants are elegant either as single sprays or in a group in the border. Propagated from seeds.

Gladiolus.—A correspondent complains that her Gladiolus run to light colors. As a rule the complaint is the other way. A change of bulbs might be beneficial in this instance.

EASTER LILIES IN SUMMER.

AFTER the Bermuda Easter Lily grown in a pot has bloomed, keep it watered and in a sunny place till the plant begins to fade, then gradually withhold water until the soil is merely moist, in which condition let it remain, setting the pot in a cool, rather dry place until you wish to start it again. If the bulb does not split up into small bulbs it will be likely to bloom again. As a rule it is better to keep the bulb almost dry and dormant till October, then bed it out, setting it eight inches beneath the surface, and covering with porous soil well firmed, with a mulching of manure. The Bermuda Easter Lily is simply a variety of *Lilium longiflorum*, and is hardy under favorable conditions, even in States north of Washington. For pot culture it is better to plant large, healthy, imported bulbs each year. If preferred the plants can be retained in the pots the following winter, instead of setting out, giving them some water and a cool but frost-proof place, then plunging them or bedding out in the spring.

Godetia.—A subscriber in New Hampshire sends blotched flowers and a leaf spray with the following note:



"Mr. Editor:—These flowers were sent me by a friend. She did not know the name of them, nor has any one been able to identify them who has seen them. They are very showy and handsome."

Can you name them? Mrs. R. A. E., Oct. 20, 1903."

The specimens received are of Godetia, a plant of which is shown in the little engraving. It is an annual of easy culture, readily started from seeds, and likes a cool temperature. It is a great favorite in England, where the plants and flowers develop to perfection.

Moles.—The best way to avoid moles is to encircle the bed with a close wire screen, two feet broad, with the lower edge bent outward six inches, and the upper edge protruding two or three inches above the surface. This is an effectual barrier, being sunk in the ground fifteen or sixteen inches, and impassible to moles, which mostly burrow in the ground near the surface, and rarely come above. Where the pest is found in abundance traps and poison may be used to reduce them.

Mildew.—Avoid Roses that are subject to mildew, where the plants are much troubled with that disease. For outdoor Roses there is no effectual remedy. In the greenhouse, painting the hot water pipes with sulphur keeps the disease away.

PLANTS IN A SICK ROOM.

THE question as to whether plants in a sick room are injurious or not often comes up. It is generally conceded by those who have made the subject one of scientific investigation, that growing and foliage plants are not injurious in a room, but that they tend to purify the air and make it more healthful and invigorating. Blooming plants, however, especially those that give off perfume, are considered detrimental. In an ordinary living room, unless a great number of fragrant flowers are open, their effect would not be noticeable. Perhaps the only place that fragrant flowers in ordinary numbers should be avoided is in the sick room. The perfume may be injurious there if the flowers are allowed to remain, especially if the patient is very weak and sensitive. Such plants as Palms, Asparagus, Ferns, Selaginella, Coleus, Acacia lophantha, and nearly all foliage plants, as well as many blooming plants that are not fragrant cheer the sick room and may be used with benefit for decoration. Do no exclude them.

Ricotia lunaria.—This is a novelty offered by French florists. It is a native of Asia Minor, and is treated as an annual, though under favorable treatment it will bloom the second season. The plant is low and spreading in habit, as shown in the illustration, and the bright rose-colored flowers



RICOTIA LUNARIA.

are not unlike those of Virginian Stock in appearance. They are borne in terminal racemes, and bloom for a long time, the buds and flowers developing as the plant grows. The flowers are succeeded by curious, thin, oval pods, somewhat like Lunaria or Honesty, hence the specific name. This novelty will prove useful for edging and small beds. It deserves a trial.

ANTIRRHINUM IN BEDS.

(See illustration on first title page)

THOSE who visited the Pan-American Exposition at Buffalo may recall the handsome display of semi-dwarf Antirrhinum or Snapdragon there during the month of August. The plants were of dense habit, and every branch appeared as a mass of bloom, the bright colors attracting attention and admiration from all that passed by that were interested in ornamental gardening.

The plants come quickly from seeds, and begin to bloom in a few weeks, growing and blooming more freely as they advance in age. If kept from seeding the display will continue during the season. In a bed or on a mound they are gorgeous, if a good strain of the large-flowered, semi-dwarf kind is used. The colors are in great variety, many new and distinct shades appearing, and some of the flowers are as finely spotted and marked as a Calceolaria.

The plants should be set eight inches apart in the bed, and while growing the more vigorous branches can be cut back, to preserve an even height and promote the neat appearance and free-blooming character of the bed.

Azaleas.—After blooming repot Azaleas and keep them well watered and in a growing condition until the foliage becomes firm, then place in a cool, partial shade throughout the autumn, keeping watered only enough to prevent injury, but frequently sprinkling or syringing the foliage. As a rule the ordinary amateur should not expect much success with Azaleas as house plants. They suffer from heat, drouth, red spider and a dry temperature in summer, and unless well cared for they invariably prove disappointing in winter. The fine plants offered by florists in this country are grown by specialists in Holland and Belgium, where the atmosphere in summer is moist and cool, and the soil porous and just suitable for their complete development. The buds are set in the fall, and the budded plants are shipped to our florists, who force them into bloom for sale. What the florists cannot grow successfully the ordinary amateur should hardly attempt.

Caladium.—The Caladium esculentum likes good drainage, and an abundance of water and partial shade while growing. A rich, tenacious soil well fertilized produces the finest specimens. If drainage is poor, or if allowed to become too dry at the roots the leaves are liable to turn brown and die. It is a fine foliage plant for the lawn in the summer.

Cactus Roots.—The ærial roots that often mar the older stems of Cactus may be removed without detriment. Clip them off with a pair of scissors,

Garden Culture.

CALIFORNIA BEAUTIES.

P OINSETTIA is grown extensively here, and is about as odd a plant as I know of. It seems principally to be long brown stems, twelve feet high, topped with the most gorgeous, flaring red blossoms. The Moonflower is coarse and rank, and the fragrant Honeysuckle adorns almost every porch. The English Ivy is not grown nearly as much as it should be, but makes a marvelous growth wherever it is cared for. *Solanum grandiflorum* is a truly magnificent sight. Its light purple flowers are like silk crape. This vine is a rank grower and in a couple of years will reach the top of a house. *Tecoma* has a dainty white blossom tinged with pink. We see few *Wistaria*, or Trumpet Creepers, because they drop their leaves during the winter seasons, and Californians want plants, vines and trees which grow the year around. The Bamboo grows along the water courses, and many have it in their yards. It grows about twenty feet high, and is quite handsome. Banana is familiar to us, and it looks very luxuriant and tropical, growing twenty feet high. It does not bear in Southern California. Perhaps the least familiar tree in this country is the Pomegranate. Its flowers are a beautiful scarlet, and the trees bloom when tiny shrubs. There is a hedge of Pomegranates near Alhambra, which extends for half a mile, and the trees are twenty or more feet high. This hedge, during the season when Pomegranates are ripe, is in great favor with tallyho parties, as it is possible to pick the fruit from the top of the coach. The *Grevillea* grows into a large tree, and is very beautiful. One sees very few ferns, and as yet I have not seen a tuberous *Begonia*, while other *Begonias* are not raised nearly as much as they should be, the climate being exactly what they desire. In this land where Fuchsias are great shrubs, *Heliotropes*, vines, *Callas* in hedges, *Lantanas* trees, it is laughable to see an old-fashioned Marigold and a single home-ly purple *Petunia*, and these I see often.

Georgiana S. Townsend.

Los Angeles Co., Calif.

Cicuta maculata.—This makes a beautiful foliage bed—it is so hardy. But it spreads. I sink an old half barrel, pail or bucket in the ground, and sometimes a drain tile, and it grows year after year with no care. I sink the tile in the border, between the sturdy plants. It makes a lovely clump, and is very showy.

Lapeer Co., Mich. Mrs. H. P. Piper,

[NOTE.—*Cicuta maculata* makes a lovely border for a permanent bed, or even for a bed of *Geraniums* in summer. The variegation of the leaves is as distinct as that of the Silver-leaf *Geranium*, while the plants are more easily grown.—Ed.]

ADLUMIA CIRRHOSA.

I THINK my Mountain Fringe must have twenty feet, for I had strings nine feet long, and they overran that, and strung themselves out on an old clothes line, and then waved their branches wildly in empty air when the clothes line failed. I find that many persons do not understand how to raise this vine, for they tell me what a beautiful plant they had one year, and end by complaining that "the next year it was all dead, except a few little plants that would not run at all." Now, notwithstanding the many floral magazines with their practical information, the great mass of people who raise a few flowers each year as a pleasant pastime, do not remember that a biennial is supposed to die at the end of the second year. There are a few, which in a favorable climate, may live longer, but Mountain Fringe is not one of them, so for the benefit of the many who admire the plant, it can do no harm to state that the plant never runs the first year, and that it always dies in the fall after it has made a growth of vine and blossom. It seeds itself, however, and the little plants must be a year old before one may expect to see them covering a summer-house or trellis. They are perfectly hardy, and once in the ground, there is no danger of ever losing them.

Knox Co., Me.,

Adella F. Veasie.

Wildlings from Seeds.—Having experimented with many kinds of wildlings I feel prepared to say that plants raised from seeds take more kindly to garden cultivation than mature plants do. This applies to such native plants as grow in wet places particularly, and then it is a more convenient way of securing wildlings, as many desirable species have large roots and are difficult to manage. To be sure, one has to wait from two to three years for the plants to develop sufficiently to bloom. A well-known florist told me that he only offered for sale such plants as were raised from seeds. Those who are disposed to try such plants as Meadow Rue, *Eupatorium purpureum*, *Asclepias incarnata*, *Iris*, Cowbane and *Lobelia syphilitica* would do well to plant them in partial shade, where the soil does not dry out quickly.

Erie Co., Pa.

E. H. Norris.

Ten Weeks' Stock.—How few there are that seem to know what a nice pot plant the Stock is. I have five fine plants, all of which are full of buds and flowers. They are very easily grown, requiring partial shade, and a good supply of water. The colors range from pure white to the darkest red. I am very proud of my flowers, and never tire of looking at their beautiful and fragrant blossoms.

Jersey Co., Ill.

Mrs. Isringhausen.

PRUNING DAHLIAS.

THE complaint is often heard that Dahlias were so full of buds when frost came, but had not bloomed. The reason was that they had been allowed to branch and grow at will, thus throwing all their strength into branches and buds that would not bloom even if the season were twice as long. Some varieties do not branch so much. These give better satisfaction to the amateur, as they come into bloom early and bloom quite freely, but would do even better if not allowed to grow more than two or three stocks to each root or clump of tubers. As soon as the roots throw up shoots, remove all but two, or at the most three. As they grow watch the little branches that start at the axle of the leaves, and remove them until the stock is a foot or more tall. Where two or three branches to each stock can be allowed they should be watched, and not allowed to branch until flower buds commence to form. The plant will then have a good shape, and will not need to be watched so closely. This method will force the plant into bloom early, and an abundance of bloom will be assured. Each variety will have a different form of growth, but all need this pruning, more or less, to obtain blooms. You will be surprised at the number of blooms one plant will furnish if the pruning is faithfully attended to, while, if neglected, the bush will keep branching and few, if any, blooms will develop.

Kate Little.

Fillmore Co., Minn.

Centaurea macrocephala.—The large-headed *Centaurea* is, when properly grown, a very distinct and desirable border plant. When well established the large golden heads are so freely produced and are so different from all around them, that they seem to demand attention at once. In cultivation the plants grow about three feet in height and so should be given a very deep, well enriched soil and an open, sunny situation. It blooms during the month of July and the flowers are useful for cutting. This is one of the plants that should be given more attention than is at present bestowed upon it.

Charles E. Parnell.

Nassau Co., N. Y., Feb. 3, 1903.

Nicotiana.—*Nicotiana affinis* repays all trouble, sending up its tubular, white, sweet-scented blossoms, opening in the evening, and spraying afar its delicious fragrance. It may be taken up after the ground freezes, and it will rise again and bloom during the winter. Of its relative, the *Nicotiana Sylvestris*, I admire the large, showy foliage. Mine has just sent up its flower stalk. Evidently, it does not rush early into bloom as does its large-flowered sister.

Jennie Lee Bain.

Col. Co., N. Y.

MY ROCKERY.

AT the north-east corner of our house it is so shady that grass would not grow, so in April I got a lot of stones and built a rockery six feet long and two and one-half feet wide at the middle. The bed is half round. The back part is the wall of the house. First I placed a layer of stones, then filled it up even with dirt, and planted vines and ferns between each stone; then I placed another layer of stones, filling as before, and planting more vines and ferns; and so on until I had it the height I wanted it. In the bed I planted a row of ferns by the stone wall. The next row is *Feverfew*; white and pink *Impatiens Sultan* and Sweet *Alyssum* around the edge. It looks very nice now; the vines and ferns have almost covered the stones, and the *Impatiens* is in bloom.

Crawford Co., O.

L. J. Garverick.

Vines.—If you have an old shed that is unsightly, plant the *Moonflower* around it. In a year's time the shed will be covered with the vine and its purple bloom. For a fence, the *Ivy Geranium* is excellent; but if you should plant *Bougainvillea* put it beside itself, as its color is very trying. I recently saw one going to a third story; near it was a lavender *Solanum*, and the *Bignonia*, which is an orange red. I have heard a great many people speak about that hideous combination, and it is teaching plant lovers to plant *Bougainvillea* beside itself. The *Japan Morning Glory* should be more generally grown here, as it does splendidly, and simply defies description.

Georgiana Townsend.

Los Angeles Co., Cal.

Cut Flowers.—The cut flowers that gave me the most pleasure in decorating my home the past season were those of the *Hyacinth* and *Narcissus*, *Star of Bethlehem* and the beautiful *Gaillardias*. The blossoms alone were placed in a blue vase and were very pretty. Pansies were picked every day. They were beautiful. These were followed by Sweet Peas, hardy *Phlox*, *Gladiolus* and ever-blooming *Chrysanthemums*, and last the hardy *Chrysanthemum*. From early spring until late frost I culled the beautiful flowers. Who can help but love and cultivate flowers?

Ima.

Geauga Co., Ohio, Dec. 19, 1903.

A Bouquet Flower.—The *Gypsophila paniculata*, though not such a pretty flower in itself, is such an enhancer of the beauty of a bouquet that once grown the flower lover would never choose to be without it. Placed among a bunch of Poppies, Roses or *Gaillardias*, it has the same effect as a white-spotted veil over a pretty face—it increases their beauty. Few bouquets are at their best without it.

S. E. H.

Weld Co., Colo.

Bulbous Flowers.

CALLA AND OXALIS.

MY trials with the Calla Lily were so full of dismal failures the first few years that I nearly gave up. Now I can truthfully say that I have never seen nicer ones, except in books. I have eight bulbs, but I started with three. I plant four in a twelve-inch pot. I set them out close in front of a terrace wall three feet high that shades them from the afternoon sun. The house shades them from eleven until one o'clock. If it rains too much, I tip the pots over and allow the water to drain out. If they dry out and drink all the water from the basin I add a little. Give them a complete rest, and cut back the tops. In August I dig a little meadow muck from the side of a ditch in a swamp, a little garden soil with some sand, and a lot of black soil that is left by the wash from a barnyard. I have used horse stable fertilizer, but prefer to go where I can procure old barnyard fertilizer. Mix well, but never have it wet and muddy. Then I remove the Calla bulbs, put new drainage in the pots and sprinkle a layer of fresh soil. Then I carefully work at the clump of bulbs until I have separated the four with scarcely a broken root. I then pick every small bulb that is forming and arrange in a pot, spreading the large white roots carefully and sprinkling the soil around with my hand-trowel. Lifting the pot and setting down with a sudden jar several times, settles the soil. This method is better than too hard packing. I then set in a complete shade for a few days and then return to their old place; then they send up a strong, stocky growth. When the nights get cool I set them in the basement window where the temperature is cool, and the growth is very rapid. These eight bulbs have ten and eleven blossoms on at once. Some fully open, others just unrolling, while four or five buds are stretching out to the sun. I always have two blossoms from one leaf and I do think there must be more some times.

An Oxalis came up in the pot containing the Callas. It had summered with them. It was the very large, yellow-flowered variety, and covered fully one-half the width of that window, and was one mass of bloom. The next year, and for the last three years, I have been trying to get these Oxalis bulbs to do a little something in a pot by themselves. I have about decided to let them rest without disturbing them this year and use liquid fertilizer in winter, allowing the pot to stand in a basin of water, as Callas do. I failed to repot my Callas one year, so I used liquid fertilizer and they came on all right.

Mrs. Hamre.

New Haven, Co., Conn., July 7, 1903.

GOLDEN BEAUTIES.

NARCISSUS Trumpet Major, with their gleaming, golden-yellow flowers make a bright display along borders and beds, and established in clumps in the grass. I do not know of anything better adapted for an early and showy display than these Narcissus, which are locally known as Shepherd's Pipes, and sometimes called Yellow Jonquils and Easter Flowers. When once planted, they require but little care. They seem to possess the happy faculty of adapting themselves to their surroundings, and grow and bloom, gleaming in their golden beauty regardless of adverse conditions. Oh, but the little children love them! Therefore it is well to plant them in abundance. Not Jonquils alone give of their gold to my yard; there is a great bush of Forsythia with long branches full of golden bells, which are larger and finer than ever before, and a Jasmine nudicaule trails over a fence and proudly displays its golden, starry flowers.

Mason Co., W. Va.

Uhlma.

Crozy Cannas from Seeds.—Two years ago a friend of mine tried raising Cannas from Madam Crozy seeds with unique results. Some were exactly like the mother plant in coloring, while others were a vivid scarlet, without the yellow border. Two of the plants had flowers of a clear, pale yellow, without the least tinge of red. They were much larger than the flowers on the original plant, though the dimensions of the plants were not noticeably superior to their origin. The flowers on all of the seedlings had increased in size and perfection, while the yellow ones were nearly equal in size and coloring to the Austria Canna.

Sarah Rodney.

Tioga Co., N. Y.

Planting Bulbs Mole-Proof.—I got two big wooden boxes, and used one to double the sides and bottom of the other. Then I bored many small holes in the bottom and had it sunk in the ground. The box was one foot deep, so I had plenty of room for the roots. Crocuses can be planted above the Tulips, as they bloom and are gone before the Tulips. Then later annuals can be planted in the same bed. I love flowers and work hard with mine, and they pay me well in blooms.

Clark Co., Ky.

Aunt Nan.

Keeping Tuberoses.—I keep Tuberoses in the pots they grow in. I set them up till they dry out, then set them in the cellar. By spring they are sprouted, ready for growing,

Mrs. R. G.

Park Co., Ind.

Gladiolus.—Plant your Gladiolus bulbs six inches deep, to promote full development and prevent lodging.

Floral Poetry.

APPLE BLOSSOMS.

Summer's coming, spring is going,
Trees with beauty laden;
Blossoms sweet on every branch,
Dainty as a maiden.
Hear the bees so busy now,
Gathering sweets for honey,
Out of every dainty cup,
Filled with stores of money.

Apple boughs bedecked with beauty,
Sweetest of them all,
Everybody's favorite choice
From spring until the fall;
Apple blossoms, dainty darlings,
In your pink and white,
Filling every nook and corner
With perfume tonight.

Baby brought some from the orchard,
"O, see, mamma, these for 'oo,'
Lots of flowers on a tree-tops,
How I get 'em I don't know."
Apple blossoms, darling beauties,
How I love these flowers!
Awakening hidden memories
Of childhood's hours.

Memories of that age unburdened,
Loving childhood's day;
Underneath these aisles of splendor,
Happy in my play.
Sitting 'mid Buttercups and Daisies,
Grassy carpet at my feet,
Making crowns of Apple blossoms,
Childhood's hour is complete.

DeKalb Co., Ind.

Faith Murel.

THE WILD CURRANT.

Where away has the wildering world withdrawn;
The forest's green archway and moss-matted lawn,
When the Alder and Maple cast sinuous shade,
On the bracken-fringed bank and the trilling cascade,
And the bloom of the Currant bush crossing the
glade,
With a splendor that rivals a roseate dawn.

With hastening courage its cressets outswing,
Like lamps on the pathway of timid young spring;
And its exquisite spice runs from bark up to bloom,
As a censor's sweet incense floats up through a room;
Then, at last, the ripe leaf flutters down to its doom,
Shining bright as the flash of a bird's red wing.

A salute for the haunts where its pink light plays,
Down the vanishing vistas of wildwood ways;
For a whiff of its breath and afar to roam,
In vagabond glee, though a captive at home;
For its charms hold a beacon that hails from the
loam,

Down the glad, leafy lane of my childhood days.

Los Angeles Co., Cal.

Mary H. Coates.

A SONG SPARROW.

Close beside my cottage window,
In a leafless apple tree,
Oft I hear a little song bird
Singing, O so merrily.

If the day is dark and dreary
With the falling of the rain,
On the top-most limb he perches
To pour forth his glad refrain.

And I ever thus reward him
With a seed or crumb that's choice,
That is why he likes to come here,
And in thankfulness rejoice.

Allen Co., O., Jan. 12, 1904.

Lizzie Mowen.

REMINISCENCES OF CHILDHOOD.

Fond memory brings pleasures that are evermore
fled,

Of childhood's bright, happy hours;
When life was as bright as a long summer day,
Bestrewed with the fairest of flowers.

O, oft on the pinions of thought do I rove,
When alone in my chamber at night;
And bask in the pleasures of days that are flown,
That once were so happy and bright.

I see the old house on the green hillside,
Where I with my brothers have played;
The garden, the brook, and the old Elm tree,
And the forest where together we strayed.

The Hollyhocks grew by the old cottage door,
The Roses bloomed over the wall,
The Columbines, too, and the sweet Mignonette,
And Chrysanthemums fairest of all.

But those bright days have long since passed away
And my brothers have gone from my side;
Two wandered away from the old home nest,
And one in his youthful strength died.

And now in my chamber I'm sitting alone,
Far, far from the scenes of my youth;
Estranged from companions of days that are gone,
Sweet days full of innocent truth.

Norfolk Co., Mass.

Lucretia Banks Zastre.

THE FIRST CRICKET.

Across the lawn, amid the deepening shadows,
The white Syringa glimmers like a ghost;
Her odorous breath on every wind goes straying;
The stars are out, a silent, lovely host.

Above my head on leathern pinions bending,
The swift bats wheel and vanish, flit and pass;
But in the magic dusk I stand forlornly,
Hearing the earliest cricket in the grass.

The first forerunner of the coming autumn,
He murmurs of a time which yet shall be,
When this fair summer, with her roses round her,
Shall pass into the realm of memory.

So goes the world! Scarce has the springtime's
fullness
Charmed from our hearts the thought of winter's
dearth,
When, like some evil prophet, pipes the cricket,
"Winter again is coming to the earth."

Mrs. Jas. Kerns.

DANDELION.

When Springtime awakes from her long dream of
Winter,

And away from earth drives the gloom and cold,
The generous sunshine calls back the fair flowers,
And the warm rays are paid for in Dandelion gold.
On wide sunny plains, down green country lanes
Is scattered the wealth that a king could not hold.

O Dandelion, Dandelion! Beautiful wilding,
Thou 'rt dear to my heart for memories you bring
Of the little white school house, the green fields
around it;

The lane that led to it, the playground, the swing,
And the girls and boys with their laughter and noise;
I can hear the sweet chime of their gay voices ring.

O dear, common flower; O Dandelion yellow;
Tho' countless thy bloom, were thy petal pure gold
I would give them all freely for one more sweet
Summer

Of schooldays and schoolmates the same as of old;
Those ever dear faces, those well beloved places
I muse o'er and wish for with longing untold.

Okla. Co., Okla.

Ella Dimmick Goodwin.

Pot Culture.

THE OLEANDER.

ALONSOA.

BELONGING to the natural order Scrophulariaceæ we have a very handsome genus of everblooming plants, mostly from Mexico and South America. Some are half-hardy shrubs, some herbaceous perennials or annuals, and all bearing axillary flowers in racemes at the extremity of the branches. The flowers are distinct and attractive, and appear in white and scarlet colors. The plants are fine either for beds in summer or pots in the fall and winter. They grow from a foot to two feet high, branch freely, and show racemes of bloom for many weeks. They are easily propagated either from seeds or cuttings. They are often grown in pots for spring sales, propagation being effected in autumn, and the plants coming into bloom in the early spring months. *Alonsoa albiflora* is a pretty species from Mexico, growing two feet high, and bearing flowers that are white with a yellow eye. *A. incisifolia* and *A. linearis* from Chili and Peru are both often known as species of *Hemimeris*. *A. linifolia*, a very free-flowering and handsome annual for pots and beds comes from New Holland, and *A. Matthewsii* is a greenhouse shrub from Peru. *Alonsoa Myrtifolia* is the new Myrtle-leaved species bearing very large, scarlet flowers in racemes, as shown in the engraving. *A. Warscewiczii compacta* is a dwarf, scarlet-flowered sort especially useful for growing in pots, as also *A. Mutisi*, a pink-flowered, bushy *Alonsoa*. All of these may be quickly grown from seeds sown during the spring or summer months.



ALONSOA MYRTIFOLIA.

Poinciana regia.—Royal Poinciana is one of the most beautiful plants ever grown, having immense compound leaves of a rich dark green, strikingly tropical, very effective. It lends a tropical effect hard to obtain with other plants. *Poinciana pulcherrima* is a beautiful shrub with pinnated, mimosa-like leaves, orange and red flowers, stamens and pistils very long, curving upward, giving the flower a curious appearance. I have grown these plants for several years and prize them highly.

Marion Co., Ill.

Jennie Spencer.

MANY shades are produced of these beautiful flowers, both single and double, and all are easily grown. They thrive best in soil composed of equal parts of good, rich loam, well rotted manure and decayed sods, with enough sand to make it porous. Oleanders produce a great mass of fibrous roots and must have plenty of room to bloom well. During the summer they may be planted in the open ground, or the pot sunk in the earth. They require a great deal of moisture, and the soil should never become dry, as this will cause the buds to blight. While the plant is growing or in bloom, it is well to give liquid manure once a week. Winter in the cellar; give just enough water to keep the soil from becoming dry. These plants may be pruned, if necessary, in the spring before new growth starts, but it is best to

keep the terminal leaf buds picked out, to make them grow bushy and symmetrical in shape. As the blossoms are produced on the ends of the branches, the more branches there are the more flowers you will have. These shrubs are natives of Palestine, and have been in cultivation since 1596.—Jessie Lynch, Yamhill Co., Oreg.

The Otaheite Orange.—To be without this little tree on the winter

window shelf, means missing a very interesting and pretty plant. It will, with good care and good light, bloom, expand its sweet orange blossoms, set fruit, (an older plant, like the one in my possession), have ripe and developing fruit. It will do this all at once and the same time. And imagine to see all this on a little tree not more than four inches high and three inches wide. The whole secret of its successful growth, is enough fertilizing. The roots can hardly be fed too highly. Another good feature about it is, it will stand some degrees of frost. I should like to hear from some of the readers of their success with the Otaheite Orange.

Rev. F. P. Frank.

Sheboygan Co., Wis.

A Fine Pot Plant.—A very handsome and easily grown pot plant for either summer or winter blooming is *Impatiens Sultanii*. Requires scarcely more care than the Double Garden Balsam.

BEGONIA SEMPERFLORENS.

THIS is the most satisfactory winter-blooming Begonia I have ever grown.

It certainly has many close seconds, and some surpass it in size of clusters and in a greater display at once, but none will give more continuous bloom. When it begins in early winter one is sure of flowers, without intermission, until spring. For with each new leaf it sends forth a cluster of blossoms. These are large, borne on strong stems well out beyond the foliage, and in color are a beautiful cardinal red, shading to rose in the center. It is an exceedingly beautiful flower, and of a depth and richness of coloring not common among Begonias. The bright green, nearly round leaves, with their red petioles, are large, rank-growing, and always attractive-looking. In habit it is upright and not inclined to branch much unless induced to do so by cutting back. This should be done in the spring, even though still in bloom, if it is wanted especially for winter. It is well to be decidedly severe in this operation and leave only from six inches to a foot of the stalk as a foundation for the new growth. Bedding out in a light but somewhat shaded place, seems to decidedly agree with this variety, especially when subjected to the foregoing treatment which keeps it from getting too tall and ungainly. Banking the soil slightly around the face of the plants will prevent any danger of decay in a rainy season. In the fall it bears lifting with the utmost composure. When there are not many branches to a single plant, it is best to put two or three in one pot, so as to have more blooming ends as well as a more shapely specimen. Then, too, where one has quite a number of young plants of the same size (I have eight) grown from the cuttings when the old plants were pruned, they can be disposed of in this manner and make quite a fine display. In fact it has so many good points to its credit that no collection of Begonias should be considered complete without this grand variety.

Dutchess Co., N. Y.

Flora Lee.

Rex Begonia.—The Rex Begonia likes a rather cool, moist, shady place in summer, and plenty of root room. Under such conditions it will produce very large, handsome leaves, and the plants become fine specimens. See that drainage is good, and that the soil is rich, porous and fibrous. The first plants are often seen in pots placed upon the ground in the greenhouse. In the house the pots may be placed in a box in the north window, with sphagnum moss around, to keep the temperature cool and moist. Any of the named varieties will make fine plants under favorable conditions. In winter give them a retired but moderately warm place and water sparingly. They should be regarded as summer foliage plants.

HELIOTROPE AS A STANDARD

HELIOTROPE grown as a standard plant is an oddity not often seen, but makes a beautiful appearance, and produces an immense amount of flowers for the size of the plant. Begin with a strong cutting or a young plant with a straight stem. Let it grow to a height of eight or nine inches without any side branches, rubbing them off as fast as they appear. Bed out in June, or if the plant is to be kept in a pot, repot as often as is needed. When the required height is reached, pinch out the top, and several new shoots will start out around the top of the plant. Continue to keep the side shoots on the stem from growing. When the new branches at the top of the plant are four or five inches long, pinch the ends out, and so on, continuing the work until a large bushy head is formed.

The stem should be tied firmly to a stake when the work is begun, to keep it straight and strong, and if the plant is bedded out it should be staked all summer, as the top is so heavy for the size of the stem that the wind may break it off. A well grown standard plant has so many branches that it produces a great profusion of blossoms. If kept in a pot it can be kept in the window in winter, and if kept warm enough will blossom finely. As Heliotrope is difficult to take up when bedded out, it is best to grow them in pots, unless one only wants them for one season.

Bernice Baker.

Winnebago Co., Ill.

Prickly Pear Cactus.—If one has a fancy for an oddity, a Prickly Pear Cactus may be made a "thing of beauty." It is perfectly hardy, and will grow with the least encouragement. Take a pair of tongs to plant it. I planted mine in the yard at first like any other plant, but seeing that it proposed to preempt the whole yard, and that it wasn't good company for children, cautiously removed it to the rockery, where it has flourished for ten or fifteen years. The flower is large, buff, with maroon center. The fruit is ten inches long, pear-shaped, and said to be edible. I never tried it.

H. O. S.

Nodaway Co., Mo.

Pomegranate.—I got a Pomegranate, *Punica rubra*, three years ago, when a small plant. I first put it in a ten-inch pot. It soon became root-bound. Then I put it in a five-gallon wooden keg, with good drainage of charcoal, and only rich garden soil. It is now quite a bushy tree; and, of course, the keg is full of roots, but to nourish it I water it almost entirely with weak cow manure water. This summer it bore ten Pomegranates, the largest eight and one-half inches in circumference.

Maria E. Foreman.

McLean Co., Ill., Nov. 24, 1903.

Floral Miscellany.

THE GOURD FAMILY.

VERY interesting and ornamental vines are those of the Gourd Family. The foliage ranges from the delicate, finely cut forms to the huge, broad leaves of the Giant Pumpkin, and the flowers are of many sizes, shapes and colors. The fruits are equally as varied in form, size and color, as the engraving here given will indicate.

For a showy vine bearing large, golden flowers *Luffa acutangula* is one of the best. In a warm, sunny place the growth is very rapid and dense, while the long-stemmed, bright flowers abundantly produced are very showy. The long fruits which succeed the flowers are curious and attractive, and the net-work of the vines when removed can be used for scouring, as well as for ornamental work. Seen at a distance a bower of these vines in bloom appears like a mass of golden Morning Glories against the foliage.

The Small Gourds, often known as "Bitter Boxes" are of various shapes, as round, pear-shaped and egg-shaped, and show many colors, as well as striped, spotted and marked. They are beautiful on the vines, and when gathered are admirable winter toys for children.

The common brown-seeded Gourds in various shapes are used for various purposes. Those with long necks are used for dippers, bird-boxes, bottles and scoops, while the rounder ones are utilized as sugar troughs, lard cans, and kitchen receptacles. All are handsome in flower and attractive in fruit.

The hundred-weight, edible Gourds have a more delicate rind, and the flesh is used for pies. The leaves are very large and of tropical appearance, while the golden flowers are perhaps the largest and most showy to be found in the garden. The immense fruits are of various colors, as green, yellow, white and scarlet, some striped. They keep well and make excellent pies.

The Balsam Apple and Balsam Pear, (*Momordica*), are both handsome vines, and the fruit is showy, as well as useful as a salve when placed in alcohol. The vines grow from five to ten feet high, and their scarlet fruit ripens in autumn. *Momordica*

cactarium is the Squirting Cucumber, a curious fruit, and *M. involucratum* is a pretty scarlet-flowered sort.

A lovely vine is the *Bryonopsis laciniosa*. The plant grows fifteen feet high. Foliage lacinated and graceful, and in autumn shows clusters of small, spotted, round fruit. It is a handsome pillar or veranda vine.

Cyclanthera exfolens is equally valuable as an ornamental vine, and has very curious fruits. It, as also *C. pedata* deserves a place among our vines.

Echinocystis, the Wild Cucumber, is a rapid-growing, free-blooming vine, and is beautiful and fragrant in autumn. It is elegant for covering an old fence or tree.

The Nest-egg Gourd, useful as well as ornamental, the Snake Gourd (*Tricosanthes*), and the Snake Cucumber (*Cucumis*), are all worth cultivating.

The Sleep of Plants.—That plants refresh themselves by a repose that answers to the sleep of animals is not a poetical fancy, but a scientific fact. The sleep of

plants is so conspicuous a phenomenon that it excited discussion and speculation as early as the time of Pliny, and many explanations were given which science has since disproved. The drooping of the leaves was attributed by some botanists to an aversion to moisture. A theory which had to be abandoned when such movements were made on cloudy days and dewless nights. The Clover tribe, which always close their leaves at night, revel in rain; and *Nasturtiums*

will go through a day of tempestuous weather without showing any inclination to change their position. Linnæus was the first to give the subject special study and scientific research. While watching the progress of some plants of Locust, he began that series of observations upon which his great work, "Sleep of Plants," is based. He found that nocturnal changes are determined by temperature and the daily alternations of light and darkness; movement is not actually by darkness, but by the difference in the amount of light the plant receives during the night and day. Take a plant from the open air and one from a dark corner, and place in the center of a room. The neutral light droops the leaves of the first and aids the latter.

A Subscriber.

New York City, Aug. 29, 03.



ORNAMENTAL GOURDS.

OLEANDERS.

MY NASTURTIUMS.

I AM very proud of a young Oleander which is now a pink glory of bloom. It is not quite a year old, but has nine big clusters open, and thirteen more clusters of buds. It is about two feet high, but the growth has been so rapid, and the blossoms so heavy, that the branches are gracefully drooped around the ten-gallon vessel in which it is growing. This vessel is painted a dark brown and the whole thing makes a most charming picture. How can such a wealth of bloom be secured on such a young plant? Why, by persistent "pinching back" from the very start.

Before putting the slip in water to take root I pinched out the top. This caused three branches instead of one, to start out when top growth began. This was in August. Knowing that it would not bloom until the next summer, I continued to pinch it back till quite late in the spring. In addition to the numerous branches developed by this process, two or three strong shoots have put up from the roots. An Oleander left to itself will grow three feet high before it begins to branch, consequently there will be but few blossoms, as it only blooms on the ends of the branches. After it begins to flower it will need but little more pruning. Three shoots always spring from the withered blossom stalk.

The soil for Oleanders can hardly be too rich. They require full sunlight and plenty of water.

Mrs. M. J. Ross.
Pottawatomie Co., Okla.

Device for Starting Seeds.—When using eggs for cooking break off about half an inch from the small end of the shell, turn out their contents and save the shells until you want to sow your seeds. Then take an old tin pan and make holes in the bottom with a nail and hammer, fill the pan half full of soil and set the shells in as close together as you can, and with a nail or sharp stick punch a hole through the bottom of each shell. Fill with soil and plant the seeds one in each shell. Sprinkle as they need it and let them grow in the shells until time to set in the ground, then place where you wish them to grow. The roots will break the shell.

Mrs. R. B.
Lenawee Co., Mich., Nov., 1903.

A California Plant.—Papyrus is something we know nothing about back East. It throws up long stalks crowned with a feather duster of green. It is used in decorations to the utmost advantage. Half a dozen stalks set in a Mexican water jug will beautify an entire room.

Georgiana Townsend.

Los Angeles Co., Cal.

[NOTE.—Papyrus is a species of *Cyperus*, a near relative of *Cyperus alternifolius*, the well known Umbrella Plant.

WHEN I planted Sweet Peas in the spring I gave them plenty of manure, and very rich dirt. I planted dwarf Nasturtiums in front of them, and was told that they would all go to leaves, and would not have many flowers, because Nasturtiums liked poor soil.

Now, July 8th, I cannot see many leaves, for there are so many flowers. I have given handfuls away, and always have some in my vase. I water them every night when it is so hot and dry, and they pay me for it with their bright flowers.

Mrs. Lottie J. Garverick.

Crawford Co., Ohio, July 20, 1903.

Flowers under Artificial Light.

Nearly all flowers in which there is a notable proportion of blue, are unattractive when seen under artificial light. Hence purple and lilac flowers do not usually look well at night, though there are exceptions, owing to the intensity of the red in some purples, which comes out well at night and causes them to appear as crimsons. Yellows invariably lose brilliancy, and pale yellows become bad whites under gas-light, but reds and crimsons and all shades of pink and white retain their beauty, and as a rule, green leaves are pleasing under any light.

A Subscriber.

New York City, Sept. 1, 1903.

Aphis Remedies.—There are a great many remedies for aphis on Roses, but many of them harm the bush, and great caution should be exercised in using them. If the leaves are wet and wood ashes sprinkled on, they will kill the young shoots and tender leaves. If kerosene emulsion is used it will cause the buds to blight unless very weak; even then I would not advise it, as quassia tea and whale oil soap or ordinary soap suds is just as efficacious if persisted in. Bug Death, although death to potato bugs, does not trouble the aphis a bit, and it is a waste of time to use it.

Hal.
York Co., Me.

Unique Flower Vase.—I had a large jar that was cracked and would not hold water, so I filled it with good dirt, and planted a Geranium in the center, and put Jonny-jump-ups and Sweet Alyssum at the edge. So I have red, white and blue in one jar.

Letta J. Garverick.

Crawford Co., Ohio, July 20, 1903.

Remedy for Plant Flies.—For the little flies that infest house plants, dust the plant stand with pyrethrum. It will not harm anything but insects, and is much better for the plants than soaking them with teas and lotions in winter.

Non De Plume.

Mecosta Co., Mich., Apr. 20, 1903.

THE ARTILERY PLANT'S ENEMY.

ALL those who grow this plant should beware of the scale. It is the Artillery Plant's worst enemy, and it seems to be less easily discovered on this than on other plants. So keep on the lookout for it. Sometimes before one is aware that there is a single scale to be seen, the whole plant will go down in a night, and in the morning it will be found sadly withered, the life sapped out of it by a multitude of these insect enemies. Fortunate is the person who can rescue even a small portion of the plant when it has reached this stage. Most of the leaves will be found so badly infested that they must be burned. I once lost a plant in this way, and I told a friend about it that she might be on the defensive, but she thought her plant was perfectly healthy, yet in a short time had the same unfortunate experience, and succeeded in saving only a small leaf of a beautiful large specimen.

Flora Lee.

Dutchess Co., N. Y.

Covering Ugly Spots.—Our meat house is in need of paint, so I thought I would help its looks. In April I planted Morning Glories, Dolichos and Wild Cucumber seeds around it. Now, it is a mass of green with many bright flowers. I also hid an old fence by planting a row of Golden Glow by it. It will soon be a row of yellow. There is a large stump in the yard and I have a half barrel nailed on top, and filled up with dirt, I planted a Geranium in the centre, and Portulaca seeds around the edge, and around the stump I have Perennial Peas. It is a very bright stump now, for the Peas and Portulaca are full of flowers. I have a red-flowering Honeysuckle climbing one of my clothes line posts. The vine is at the top of the post now and is full of Honeysuckles. At the other post I have Perennial Peas that will be old enough to bloom next summer.

Letta J. Garverick.

Crawford Co., Ohio, July 20 1903.

Favorite Vines.—The Passion Vine and Balsam Apple are my favorite vines. So few of the former are grown that I have never seen any outside of my own garden. I purchased a packet of seeds of the Passiflora three years ago, and I had ten plants to grow from it. They grew very fast, and bloomed the first year. What a delight it was to watch the buds open, and to admire the beautiful unique flowers.

Jersey Co., Ill. Mrs. Isringhausen.

Antigonon leptopus.—I planted the Antigonon or Mountain Rose seeds in a box the last of February, and in August they bloomed. Now it is February again and the roots are perfectly round. We have had a moderate winter, but I think with a little protection they will prove hardy here.

Copia Co., Miss.

A. C. Broome.

HAS A SAY.

The School Principal Talks About Food

The Principal of a High School in a flourishing Calif. city says:

"For 23 years I worked in the school with only short summer vacations. I formed the habit of eating rapidly, masticated poorly which coupled with my sedentary work led to indigestion, liver trouble, lame back and rheumatism.

"Upon consulting physicians some doped me with drugs, while others prescribed dieting and sometimes I got temporary relief, at other times not. For 12 years I struggled along with this handicap to my work, seldom laid up but often a burden to myself with lameness and rheumatic pains.

"Two years ago I met an old friend, a physician who noticed at once my out-of-health condition and who prescribed for me an exclusive diet of Grape-Nuts, milk and fruit.

"I followed his instructions and in two months I felt like a new man with no more headaches, rheumatism or liver trouble and from that time to this Grape-Nuts has been my main food for morning and evening meals, am stronger and healthier than I have been for years without a trace of the old troubles.

"Judging from my present vigorous physical and mental state I tell my people Methuselah may yet have to take second place among the old men, for I feel like I will live a great many more years.

"To all this remarkable change in health I am indebted to my wise friend and Grape-Nuts and I hope the Postum Co., will continue to manufacture this life and health giving food for several centuries yet, until I move to a world where indigestion is unknown." Name given by Postum Co., Battle Creek, Mich.

Ask any physician what he knows about Grape Nuts. Those who have tried it know things.

"There's a reason."

Look in each pkg. for the famous little book, "The Road to Wellville"

Sprinkling Plants.—It is a good plan to sprinkle your plants once or twice a week, unless the weather is very severe. Even if you haven't a sprinkler, sprinkle them by hand, and see how grateful they will look with the dust washed off. I always use warm water for sprinkling and watering my plants in winter.

Taney Co., Mo.

Mrs. L. B.

The Smallest Tree.—The smallest tree in the world is the Greenland Birch. Its height is less than three inches, yet it covers a radius of two or three feet.

Lizzie Mowen.

Allen Co., O., Jan. 12, 1904.

Trees and Shrubs.

HIBISCUS.

I FIND Hibiscus a very fine plant in the garden. I purchased, several years ago, a packet of Hibiscus Crimson Eye, at least it was labeled so, but there were different kinds of flowers when they bloomed. I never had any bloom the first year from seeds, but the flowers were worth waiting for when they did bloom. I have white with crimson eye, bright pink, and pink with crimson eye. The flowers were as large as saucers. It blooms for a long time, but the individual blooms last in perfection only one day. I think it is perfectly hardy, but I have always lifted my plants in the fall, packed them in dirt through the winter, and set them out in the spring. This fall I left some in the ground to prove whether they were hardy or not. I have also a double scarlet one which I keep as a house plant. It is one of the most beautiful flowers when in bloom. It is a shrubby Hibiscus and is sometimes called Turkish Rose.

Aunt Jane.

Fayette Co., Iowa.

Pavia rubicunda.—This very attractive shrub or small tree is a near relative of the common Horse Chestnut, *Æsculus Hippocastanum*, and is not unlike that handsome tree, except that it is more dwarf in habit, and bears spikes of scarlet flowers in abundance during early summer. It is commonly known as Scarlet Horse Chestnut, which name well describes the tree in foliage and flowers. For a lawn specimen or for the Arboretum it is very desirable, as it is hardy, grows well in almost any situation, and always elicits the praise of all who see it in bloom. It may be propagated from seeds, which are supplied by some dealers.

Senecio petasites.—This was given me as a present. Here in California the plants grow into a huge shrub, but then anything does that. The leaves are extremely handsome, the shape of a Sycamore leaf, but of a texture like velvet. It flowers in winter, which makes it acceptable in the window garden, and as it is a cheerful yellow it is doubly valuable. As a pot plant it is as satisfactory as a *Rex Begonia*.

Georgiana S. Townsend.

Los Angeles Co., Cal.

Tree of Heaven.—The *Ailanthus glandulosa*, popularly called Tree of Heaven, is of robust growth when young, and if cut back to one eye the thick, stubby sprout clothed with huge walnut-formed leaves, is very attractive. A group of such plants covering a space of ten or fifteen feet in diameter, properly managed, would make a gorgeous appearance on a lawn.

TREE HONEYSUCKLE.

I THINK very highly of the Tartarian, or Tree Honeysuckle. I have had it for years, and each year it seems more beautiful than the last. Mine is pure white. I was given a red one, but it did not live long. An old lady sent me two kinds which I had never seen. One was pale pink, and the other pink and white. The blossoms are not very large, but are borne in such profusion. The white kind resembles a bush covered with little patches of snow. The blossoms are fragrant and quite lasting, and the bush grows fast and increases in beauty year by year.

Aunt Jane.

CAME FROM COFFEE.

A Case Where the Taking of Morphine Began With Coffee.

"For 15 years," says a young Ohio woman, "I was a great sufferer from stomach, heart and liver trouble. For the last 10 years the suffering was terrible; it would be impossible to describe it. During the last three years I had convulsions from which the only relief was the use of morphine.

"I had several physicians nearly all of whom advised me to stop drinking tea and coffee but as I could take only liquid foods I felt I could not live without coffee. I continued drinking it until I became almost insane, my mind was affected, while my whole nervous system was a complete wreck. I suffered day and night from thirst and as water would only make me sick I kept on trying different drinks until a friend asked me to try Postum Food Coffee.

"I did so but it was sometime before I was benefitted by the change, my system was so filled with coffee poison. It was not long however, before I could eat all kinds of foods and drink all the cold water I wanted and which my system demands. It is now 8 years I have drank nothing but Postum for breakfast and supper and the result has been that in place of being an invalid with my mind affected I am now strong, sturdy, happy and healthy.

I have a very delicate daughter who has been greatly benefitted by drinking Postum, also a strong boy who would rather go without food for his breakfast than his Postum. So much depends on the proper cooking of Postum for unless it is boiled the proper length of time people will be disappointed in it. Those in the habit of drinking strong coffee should make the Postum very strong at first in order to get a strong coffee taste." Name given by Postum Co., Battle Creek, Mich.

Look in each package for the famous little book, "The Road to Wellville."

ARE YOUR KIDNEYS WEAK?

Thousands of Women Have Kidney Trouble
and Never Suspect It.

WOMEN suffer untold misery because the nature of their disease is not always correctly understood; in many cases when doctoring, they are led to believe that womb trouble or female weakness of some sort is responsible for their ills, when in fact disordered kidneys are the chief cause of their distressing troubles. Perhaps you suffer almost continually with pain in the back, bearing-down feelings, headache and utter exhaustion.

Your poor health makes you nervous, irritable and at times despondent; but thousands of just such suffering or broken down women are being restored to health and strength every day by the use of that wonderful discovery, Dr. Kilmer's Swamp-Root, the great kidney, liver and bladder remedy.

DIDN'T KNOW I HAD KIDNEY TROUBLE.

I had tried so many remedies without their having benefited me that I was about discouraged, but in a few days after taking your wonderful Swamp-Root I began to feel better.

I was out of health and run down generally; had no appetite, was dizzy and suffered with headache most of the time. I did not know that my kidneys were the cause of my trouble, but somehow felt they might be, and I began taking Swamp-Root, as above stated. There is such a pleasant taste to Swamp-Root and it goes right to the spot and drives disease out of the system. It has cured me, making me stronger and better in every way, and I cheerfully recommend it to all sufferers.

Gratefully yours,

MRS. A. L. WALKER,
46 West Linden St., Atlanta, Ga.

Not only does Swamp-Root bring new life and activity to the kidneys, the cause of the trouble, but by treating the kidneys it acts as a general tonic and food for the entire constitution.

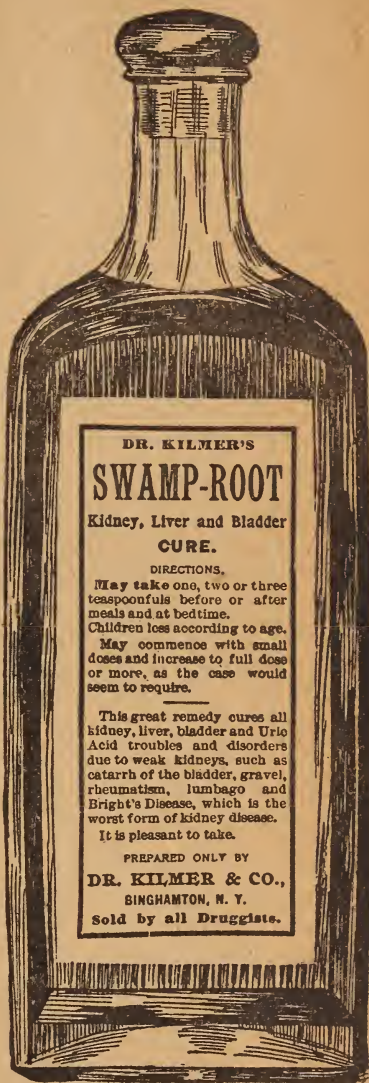
The mild and extraordinary effect of the world-famous kidney and bladder remedy, Swamp-Root, is soon realized. It stands the highest for its wonderful cures of the most distressing cases. A trial will convince anyone—and you may have a sample bottle sent free by mail.

To prove what SWAMP-ROOT, the Great Kidney, Liver and Bladder Remedy Will do for YOU, Every Reader of Park's Floral Magazine May Have a Sample Bottle FREE by Mail.

SPECIAL NOTICE.—So successful is Swamp-Root in promptly curing even the most distressing cases, that to prove its wonderful merits you may have a sample bottle and a book of valuable information, both sent absolutely free by mail. The book contains many of the thousands upon thousands of testimonial letters received from men and women cured. The value and success of Swamp-Root is so well known that our readers are advised to send for a sample bottle.

In writing to Dr. Kilmer & Co., Binghamton, N. Y., be sure to say that you read this generous offer in PARK'S FLORAL MAGAZINE. The proprietors of this paper guarantee the genuineness of this offer.

Swamp-Root is pleasant to take and you can purchase the regular fifty-cent and one-dollar size bottles at the drug stores everywhere. Don't make any mistake, but remember the name, Swamp-Root, Dr. Kilmer's Swamp-Root, and the address, Binghamton, New York, on every bottle.



(Swamp-Root is Pleasant to take.)

\$3.25 NAPOLEON BICYCLE



TIRES. We are the largest dealers in Bicycles and Supplies in the world, SELLING DIRECT TO RIDERS EVERYWHERE. Our Free BICYCLE Catalogue which we mail to any address, FREE, on application, shows a big assortment of Bicycles and Bicycle Supplies, which we sell at about one-half the prices charged by others. This catalogue explains our liberal terms, our free trial offer, our guarantee, etc., carries with it the

most liberal offer ever heard of. Don't buy a bicycle or anything in bicycle supplies until you get this FREE CATALOGUE.

FOR \$3.25 PER PAIR or \$1.65 per single tire, we furnish the genuine Napoleon Single Tube Guaranteed Pneumatic Bicycle Tires, positively the highest grade bicycle tire made in the world, a tire that will outwear a half dozen low-grade tires. If your bicycle needs new tires, one tire or a pair, enclose our price, \$1.65 per single tire, \$3.25 per pair, and we will send you these Napoleon guaranteed tires with the understanding and agreement that if they are not perfectly satisfactory when received, if you do not consider them worth a half dozen of the ordinary cheap bicycle tires, if you are not convinced that they are positively the highest grade bicycle tires made and will outwear any other tire you could buy, regardless of name, make or price, YOU CAN RETURN THE TIRES TO US AT OUR EXPENSE AND WE WILL IMMEDIATELY REFUND YOUR MONEY.

If you have any use for the highest grade bicycle tire made, don't fail to order one or more tires direct from this announcement, or if you are thinking of buying a bicycle or anything in bicycle supplies, don't fail to write for our FREE Bicycle Catalogue. Address,

SEARS, ROEBUCK & CO., CHICAGO, ILL.

SOLD FOR \$100,000.

The discoverers of Liquezone have sold the American rights to the Liquid Ozone Co., of Chicago for \$100,000. It is stated that this is the highest price ever paid for similar rights on any scientific discovery.

This new product is manufactured from gas—largely oxygen gas—by a secret process requiring large apparatus. The process takes 14 days, and during that time, 1,250 cubic feet of gas becomes one cubic foot of Liquezone.

It is claimed that this product does what oxygen does. That it is like oxygen a remarkable tonic; and that like an excess of oxygen, it destroys the germs of disease. The makers publish on every bottle an offer of \$1,000 for a disease germ that it cannot kill.

The men who have purchased this product state they first tested it for two years, through physicians and hospitals. They amply proved that it does what is claimed for it, and what medicine cannot do. In order to prove this fact to the sick, they offer to buy a 50c bottle and give it free to anyone who asks for it. And this remarkable offer is published to-day in this paper.

If this product will do even a tenth what is claimed for it, Liquezone will certainly be of vast value to sick humanity. And the fact that the owners paid \$100,000 for the simple right to make it, and that they pay for the sick one's test, would indicate that those who know it best have faith in it.

Mr. Park:—I have read your Magazine for fifteen years, and to my mind it is far superior to the more elaborate and costly floral journals.

Mrs. C. Calhoun.

Lincoln Co., Idaho, May 17, 1903.

All of These—Only 30 Cents.

Price per packet, any variety, 3 cents.

Asparagus Palmetto, $\frac{1}{4}$ lb. 15c., oz. 5c. Columbian Mammoth, $\frac{1}{4}$ lb. 15 cts., oz. 5 cts. Palmetto is an excellent, quick-growing, tender variety. Columbian Mammoth is perhaps better, being white and tender, early, very prolific, robust, and of fine flavor.

Bean, New Stringless Green-pod, the earliest, hardiest, most productive and most luscious of Bush Beans. Absolutely stringless and tender. The best all-round variety. 1 quart 35 cts., 1 pint 18 cts., $\frac{1}{2}$ pint 10 cts. Other Bush Beans, same price: Extra Early Refugee, Improved Golden Wax, Val. Wax.

Bean, Pole or Corn, Best of All, very early, hardy, robust and exceedingly prolific. Pods large, round, heavy, fleshy, 6 inches long, in big clusters; delicious flavor. A superb variety. 1 quart 50 cts., 1 pint 25 cts., $\frac{1}{2}$ pint 15 cts. Other Pole Beans, same price: Old Homestead, Early Golden Cluster, Scarlet Runner, Lazy Wife, Speckled Cranberry.

Beet, New Crimson Globe, early, globe shaped, blood-crimson, exceedingly tender, absolutely free from woodiness and stringiness, and of delicious flavor. $\frac{1}{4}$ lb. 25 cts., oz. 8 cts. Other Beets, same price: Edmond's Turnip, Detroit Turnip, Bassano, Long Blood, Extra Early Eclipse, Crosby's Egyptian, Giant Yellow Mangel Wurzel, Golden Tankard, Mammoth Long Red and Vilmorin's Improved Sugar.

Borecole, a kind of Cabbage. Fine for winter greens, hardy and ornamental. 1 lb. 90c., $\frac{1}{4}$ lb. 25c., 1 oz. 8c.

Cabbage, New Early Spring, surpasses all other kinds, every plant producing a fine head, solid, crisp and sweet, superior for family use and best for market. $\frac{1}{4}$ lb. 75 cts., oz. 20 cts., $\frac{1}{2}$ oz. 12 cts.

Cabbage, True Danish Ballhead, the most solid, best-keeping, surest-heading, most popular of late varieties. Every plant bears a good head, round, compact and of the finest quality. It is the most productive of Cabbages. $\frac{1}{4}$ lb. 75 cts., oz. 20 cts., $\frac{1}{2}$ oz. 12 cts. Other sorts, same price: Excelsior Late Flat Dutch, Excelsior Late Drumhead, Surehead, Autumn King or World Beater, Drumhead Savoy, Green Curled Savoy and Red Dutch Pickling.

Carrot, Chantenay or Model, an easily grown and excellent vegetable. 1 lb. 75 cts., $\frac{1}{4}$ lb. 25 cts., 1 oz. 8c.

Cauliflower, Velitch's Autumn Giant, the most tender and delicious of the Cabbage family. Treat as you would Cabbage. $\frac{1}{4}$ lb. \$1.25, 1 oz. 40 cts., $\frac{1}{2}$ oz. 15 cts. It can also supply Improved Snowball as follows: $\frac{1}{4}$ oz. 75 cts., 1 oz. \$2.50, $\frac{1}{4}$ lb. \$9.00.

Celery, New Golden Rose-ribbed, a self-blanching, beautiful, quick-growing, tender and crisp variety of superior flavor. 1 lb. \$2.75, $\frac{1}{4}$ lb. 90 cts., 1 oz. 25 cts., $\frac{1}{2}$ oz. 15 cts.

Cucumber, Improved Early White Spine, one of the best varieties for slicing or pickling: 1 lb. \$1.50, $\frac{1}{4}$ lb. 50 cts., 1 oz. 15 cts. Improved Long Green; same price.

Special Bargain.—For 30 cents I will send the 31 varieties above described (31 pkts.), or two collections (62 pkts.) for 50 cents, to two different addresses, if desired, including Park's Novelty List and cultural directions. See Booklet, free.

Geo. W. Park, LaPark, Lancaster Co., Pa.

Corn, Sweet, Country Gentleman, early and productive, of very superior quality; perhaps the sweetest of all, very tender and delicious, keeping useable a long time. Qt 45c, pt 25c, $\frac{1}{2}$ pt 15c, 3 pks 12c, 1 pkt (2 oz) 6c. Early Corry, Improved Sugar and Egyptian, same price.

I have a surplus of Sweet Corn, and can supply Evergreen and Country Gentleman by the bushel at low prices.

Kohl Rabi, Early White Vienna, an excellent vegetable of easy culture. Good for table use and feeding stock. $\frac{1}{4}$ lb. 50 cts., 1 oz. 15 cts.

Leek, Large American Flag, a vegetable similar to the Onion in flavor, and requires similar treatment. Produces thick stems of sweet flavor when properly blanched. 1 lb. 85 cts., $\frac{1}{4}$ lb. 25 cts., 1 oz. 8 cts.

Lettuce, New York, best all-round Lettuce, immense heads, crisp, tender and free from bitterness. $\frac{1}{4}$ lb 20 cts., oz. 8 cts. Others, same price.

Muskmelon, Rocky Ford, first-class, medium-sized fruit of good quality; fleshy, sweet and of exquisite flavor. $\frac{1}{4}$ lb. 25 cts., oz. 8 cts. Emerald Gem, Tip Top, Hackensack, Acme and Jenny Lind at same price.

Watermelon, Early Sweet, splendid, early and sweet; grows where others fail. $\frac{1}{4}$ lb. 20 cts., oz. 8 cts. Others, same price: Dixie, Phinney's, Fordhook.

Okra, Early Dwarf Prolific, compact, early, grows readily and bears freely; fine for soups, stews and pickles. $\frac{1}{4}$ lb. 15 cts., oz. 5 cts.

Onion, Australian Brown, solid, tender and sweet; keep well, none more desirable; $\frac{1}{4}$ lb. 20 cts., oz. 8 cts.

Parley, Champion, very productive; fine for seasoning soups and meats. $\frac{1}{4}$ lb. 25 cts., oz. 6 cts.

Paranip, Improved Guernsey, best variety, flesh fine-grained, tender and delicious; $\frac{1}{4}$ lb. 10 cts., oz. 5 cts.

Pepper, New Columbus, enormous, bell-shaped fruit, mild, sweet, various colors; fine for stuffing. oz. 25c.

Pea, Everbearing, one of the best for family use; finely flavored, productive, bearing a long time; quart 35c; pint 18c. Philadelphia Extra Early, First and Best, Heroline, Marrowfat and Alaska, same price.

Radish, New Cardinal White-tip, earliest known variety and one of the best; fine market sort; $\frac{1}{4}$ lb. 15 cts., oz. 5 cts. Other sorts at same price.

Squashes, in variety; Early White Bush Scallop, Summer Crookneck, Delicata, Chilli, Hubbard, oz. 10c.

Tomato, The Faultless Stone; finest and most profitable variety; fruit large, rich in color, ripens evenly. $\frac{1}{4}$ lb. 65 cts., oz. 25 cts., $\frac{1}{2}$ oz. 15 cts. Also Livingston's Beauty, Ignatum, Golden Queen, Trophy, Ponderosa,

Spinach, Long-standing, Prickly-seeded; best garden sort: 1 lb. 35 cts., $\frac{1}{4}$ lb. 12 cts.

Turnip, Purple-top White Globe, the best; 1 lb. 60c, $\frac{1}{4}$ lb. 15c, oz. 5c. At same price: Purple-top Strap-leaf, Amber Globe, White Stone, Early Flat Dutch.

Lavender, True, medical herb, $\frac{1}{4}$ lb. 50c, 1 oz. 20c.

Seeds promptly mailed, postpaid, at prices quoted.

A Few Choice Flower Seeds.

Acacia lophanta, beautiful Fern-tree; fine pot plant.
Ageratum, new large-flowered dwarf sorts, mixed.
Alonsoa Myrtifolia and other fine sorts in splendid mixture; beautiful flowers.

Alyssum, New Carpet, mass of large white clusters.
Amaranthus, new quadricolor, superb variegation.
Antirrhinum, (Snapdragon), Giant Fragrant mxd.
Arctotis grandis, new lavender African Daisy.

Aster, New Hohenzollern, flowers 4 to 6 inches across, of many colors; appears like feather balls.

Aster, Peony-flowered Perfection Improved, incurved flower of enormous size; all sorts, special mixed.

Aster, New Victoria, splendid large flowers, very double, finely imbricated petals, all colors mixed.

Aster, Ostrich-feather, enormous flowers with twisted petals, like a Japan Chrysanthemum; all colors mxd.

Aster, Queen of Earlies; earliest of Asters; many fine colors mixed; splendid for either pots or beds.

Aster, Chrysanthemum-flowered Dwarf, an elegant, showy, freeblooming Aster; for beds or pots; mix'd.

Aster, Harlequin, double, the colors checkered white.

Balsam, Park's Camellia-flowered, as double as a Rose and of all shades, as well as spotted; mixed.

Browallia, New Giant, elegant large blue flowers.

Bellis, Giant Double Daisy, charming hardy edging; fine for pots; white, rose, crimson, red; finest mixed.

Calitopsis, New Compact, crimson, gold, etc., mixed.

Calendula, New Large-flowered, all colors, mixed.

Candytuft, hardy annual; special mixture all sorts.

Canna, Crozy's Gladiolus-flowered; finest mixture.

Capsicum, Ornamental Peppers, finest mixture.

Carnation, New Hybrids, early, large, scented, double flowers; all hues mixed; bloom first season.

Celotia, Giant Dwarf Cockscomb, crimson, rose and orange in shades, mixed; saved from finest combs.

Celotia, Feathered; new, plummy, all colors mixed.

Centaura, Double Bachelor's Buttons; fine mixture.

Centaura, King of Blue Bottles; large blue, fine.

Centaura, Imperialis, New Giant Sweet Sultan; large and fragrant; white, lilac, rose, etc., mixed.

Cosmos, Early-flowering, superb fall flowers; white, rose, crimson and yellow mixed.

Dahlia, Double and Single, finest mixture of all colors, easily raised as Zinnias and bloom as soon.

Delphinium (Larkspur), finest annual sorts mixed.

Dianthus Chinensis, lovely Pinks blooming the first season; all colors and markings in finest mixture.

Dianthus Heddewigi nobilis, new Noble Pinks.

Ecremoarcarpus scaber (Calampella), a superb vine; flowers in clusters in profusion; mixed.

Echscholtzia, California Poppy; all colors mixed.

Gaillardia grandiflora, new compact, a superb summer bedding hardy perennial.

Hebenstreitia Comosa, the new "African Mignonette"; easily grown, deliciously sweet.

Helianthus, Sunflower, double and single, mixed.

Hibiscus, New Giant, a splendid perennial blooming first season; huge golden flowers; 6 to 10 feet high.

Kochia scoparia, Summer Cypress; fine foliage.

Kodzu Vine (Pueraria), often known as Jack's Bean Stalk; a perennial; seeds direct from Japan.

Lobelia, New Perpetual Blue, showy basket and edging plant; flowers large, intense blue with white eye.

Marigold, French and African, finest double mixed.

Mignonette, Sweet, new, richly scented varieties; white, red, yellow, finest mixture. Common sort, excellent for bee pasture, ounce 8 cts., pound \$1.00.

Mimulus, large, Gloxinia-flowered, tigré varieties; yellow, orange and white and red, spotted, mixed.

Mirabilis, Four-o'clock, special mixture of new, dwarf, spotted-leaved sorts, all colors.

Myosotis, Forget-me-not, special mixture of the new, large-flowered, early varieties, all colors.

Nemesia strumosa, new colors, large-flowered, showy and beautiful, mixed.

Nicotiana, mixture of the sweet-scented kinds.

Oenothera, Evening Primrose, golden bloom, mixed.

Poppy, a superb mixture of Carnation-flowered, Ranunculus-flowered, Peony-flowered, Shirley, etc.

Pansy, Reemer's Giant Prize, complete mixture of all colors; plants vigorous and bushy; flowers of enormous size, fragrant and exquisitely marked.

Petunia, Single and Double, special mixture of the large-flowered and new varieties.

Phlox Drummondii, Hortensiaeflora, the new, freeblooming, compact variety; splendid for beds, also for pots; all the fine colors in mixture.

Portulaca, Double and Single in fine mixture, all colors from white to rich crimson, some superbly marked and striped; everblooming bedding plants.

Ricinus, best old and new in splendid mixture.

Ricotta lunaria, the new South African flower; masses of rosy, stock-like flowers.

Salpiglossis, new large-flowered, finest mixed.

Salvia, large, early-flowered kinds, complete mixture.

Salvia pratensis, the rare and elegant hardy perennial species.

Scabiosa, Mourning Bride, giant double-flowered; white, rose, lilac, scarlet, black, blue, etc., mixed.

Schizanthus, Butterfly Flower, Orchid-like, mixed.

Ten Weeks' Stock, New Giant Excelsior, the earliest blooming of Stocks; spikes of large, rose-like, richly scented flowers in bright colors; mixed.

Tropaeolum (Nasturtium), Tom Thumb, dwarf, splendid for bedding or for pots; very rich colors, free-blooming all summer; finest mixed. Oz. 15c.

Viola, Tufted Pansy, finest mixture of all colors from white to deep purple, many variegated; first-class for beds, harder than Pansies; all colors mxd.

Verbena, Mammoth; very large, sweet-scented flowers; big clusters, showy in beds; mixed.

Wallflower, New Parisian; spikes of sweet bloom.

Zinnia, New Mammoth, in splendid mixture of all colors; flowers almost as large and showy as Dahlias; plants a mass of bloom the entire season.

Everlastings — Acroclinium mixed; Ammobium alatum, Gomphrena mixed; Helipterum Sanfordi; Helichrysum monstrosum, mixed; Rhodanthemum mixed; Gypsophila mixed; Xeranthemum mixed. I can supply separate packets of all of these.

Ornamental Climbers.

Cardiospermum (Love in a Puff), in variety, mxd.

Cypress Vine, white, rose and scarlet, mixed.

Cobaea scandens, lovely purple bells; climbs 30 ft.

Dolichos, Hyacinth Bean, superb mixture, all sorts.

Gourds and Cucumbers, grand special mixture.

Gourd, Nest Egg, pretty vine, fruit used as nest eggs.

Gourd, Dishcloth; showy, golden bloom; fine vine.

Honulus, Variegated Hop, a splendid annual vine.

Ipomoea, finest mixture of all varieties; handsome.

Moonflower, fragrant bloom, special mixture.

Morning Glory, new large-flowered, all mixed.

Morning Glory, New Japanese; New Giant, mxd.

Maurandya, charming vine, all colors in mixture.

Scarlet Runner, everblooming, mixed.

Sweet Peas, Park's large-flowered, best new mixture; lb. 80 cts., ¼ lb. 15 cts., oz. 5 cts.

Thunbergia, excellent, free-blooming vine; mixed.

Tropaeolum, Nasturtium, giant climbing, large-flowered, best mixture of all colors; lb. 75 cts., ¼ lb. 20 cts., oz. 6 cts.

Biennials and Perennials.

Aquilegia, 15 sorts mixed.

Campanula, 15 sorts mixed.

Carnation, double, mixed.

Perennial Larkspur, mxd.

Forget-me-not, all kinds mixed.

Hollyhock, double mixed.

New Hybrids, mixed.

Linum, Flax, mixed.

Pinks, Picotees, mixed.

Platycodon, large, mixed.

Perennial Poppy, mixed.

Auricula, finest mixed.

Perennial Paeony, fine mixed.

Perennial Phlox, fine mxd.

Primrose, Garden, mixed.

Perennial Cosmos, mixed.

Sweet William, Giant, mxd.

Wallflower, finest mixed.

Seeds of Window Plants.

Abutilon, hybrid, mixed.

Achimenes, finest mixed.

Asparagus, decorative, mxd.

Sprenger, fine vase plant.

Begonia, everblooming.

Calceolaria, finest mixed.

Carnation, extra mixed.

Cineraria, large, mixed.

Coleus, superb mixture.

Chrysanthemum, Gilt Edge.

Cyclamen, Giant, mixed.

Cyperus, Umbrella Plant.

Geranium, finest mixed.

Gloxinia, choicest mixed.

Grevillea robusta.

Heliotrope, large, mixed.

Lantana, new dwarf, mxd.

Primrose, Chinese, mixed.

Primula obconica, mixed.

Forbesi, Baby, mixed.

Solanum seaforthianum.

Smilax, Boston.

Streptocarpus, fine, mixed.

Torenia, large, mixed.

Choice Pot and Medicinal Herbs.

Boneset. Hoarhound. Summer Thyme.

Caraway. Lavender, sweet. Wormwood.

Catnip. Marjoram, sweet. Sweet Basil, purple, bushy, compact; ornamental pot plant.

Chamomile. Mustard. Pot Marigold.

Coriander. Rosemary. Sage.

Dandelion. Tansy.

Dill. Summer Savory. Tarragon.

Fennel, sweet.

Miscellaneous. — Evergreen Broom Corn, 1 lb. mailed, 20c., 25 lbs. or more by express, not prepaid, 7c. per pound. Sunflower, Russian, 1 lb. mailed, 20c., 25 lbs. or more by express, not prepaid, 7c. per lb. White Dutch Clover, for Bee pasture, 1 oz. 8c., 1 lb. 50c.

Mushroom Spawn (Brick), per lb. 20c.

Park's Superior Lawn Grass, the best of all lawn grass mixtures, makes a fine lawn the first season, and remains permanent; lb. prepaid, 25c., oz. 5c.

Seeds all first-class. For these and others, see

GEO. W. PARK, LaPark, Pa.

One packet 3 cts, 4 packets of a kind, 10 cts.
 Park's Floral Guide for 1904. Illustrated. FREE.

WALL PAPER OFFER.

FOR 26 CENTS YOU CAN PAPER A ROOM.



Our New Plain Floral Wall Paper, as illustrated, only 1 1/2 cents per single roll, 3 cents per double roll, handsome border to match, only 1/2 cent per yard (8 yards for 1 cent) Cost of this paper for a room 11x11 feet, height of ceiling, 9 feet, is 20 cents for sidewall and border, 6 cents for ceiling, **TOTAL COST ONLY 26 CENTS**, allowing for two ordinary doors and windows.

DON'T BUY A ROLL OF WALL PAPER until you see **OUR FREE SAMPLE BOOK OF NEW PAPERS** and learn our astonishingly low prices, wonderful values in gilt, embossed, bronzed and ingrain papers, at 6 cents to 20 cents per roll, same as dealers everywhere ask 12 cents to 60 cents per roll. **THE BOOK OF SAMPLES IS FREE**, explains how to order, how to tell how much to order, tells all about how to hang paper, how to make paste, how to select harmonizing colors, etc.

Write and ask for Wall Paper Samples and the complete book will be sent to you by return mail, postpaid, free.

Address, **SEARS, ROEBUCK & CO., CHICAGO, ILL.**



\$1.31 FARM BELL.

Big 53-pound farm bell, 18 1/2 inches diameter, made of fine crystalline metal, extra loud tone, only \$1.31. For astonishing prices on all kinds of bells for farm, factory, school house and church use, complete catalogue, surprising trial offer, etc., write for our Free Bell Catalogue. **SEARS, ROEBUCK & CO., Chicago, Ill.**



THIS RING FREE.

Cut this advertisement out and mail it with name and address to **Onard Manufacturing Co., 81 Pine St., Dept. 37 New York**

Dear Floral Friends:—My Gloxinias have been very beautiful all summer. I have a shelf full in my sitting-room. I had white, red and white, purple, purple and white, pink spotted, dark pink, and a beautiful white, with purple spots, that grew from a leaf. I am letting them dry off now, and will report them before putting away to rest. My Tuberous Begonias have been very fine. I keep them on a piazza. I saw most beautiful ones in a public park this summer they were all colors, very large, and many double ones. My American Wonder Lemon tree has grown very thrifty. I kept it outdoors all summer, and if it blossoms this winter will report.—I. E. B., Middlesex Co., Mass.

Mr. Park:—When the Magazine comes I begin at the first page and read every editorial and the correspondents' letters, faithfully. There is a great deal to be learned from every number that comes. Margaret Allen Carter. Suff. Co., Mass.

A Chance to Make Money.

I have berries, grapes and peaches a year old, fresh as when picked. I used the California Cold Process. Do not heat or seal the fruit, just put it up cold, keeps perfectly fresh, and costs almost nothing; can put up a bushel in 10 minutes. Last year I sold directions to over 120 families in one week; anyone will pay a dollar for directions when they see the beautiful samples of fruit. As there are many people poor like myself, I consider it my duty to give my experience to such and feel confident anyone can make one or two hundred dollars round home in a few days. I will mail samples of fruit and full directions to any of your readers for nineteen (19) 2-cent stamps, which is only the actual cost of the samples, postage, etc. **FRANCIS CASEY, St. Louis, Mo.**

FLORAL ANAGRAM.

These six little letters hidden in the grass

Spell the choicest flower that you may chance to pass. You cannot help but (change them); its modest and its sweet.

Shakespeare sang its praises. What can with it compete?

The azure skies of spring time smile at you from its face.

So grant it right (change now), though humble be its place.

Children gather handfuls to fight in battles bold, For it is braver knight than if its spurs were gold.

Its leaves are lifted shield-like to ward off all that harms But the bees are not dismayed by its heart-shaped coat of arms.

On Holy Mt. (change again) it just covers the ground While in France and in England, yes everywhere, 'tis found.

Now you will have to guess a (* * * * change) with one another.

For the guesser that can guess it guesses better than his brother.

Indiana Co., Pa.

Domine.

WHAT FLOWER IS THIS?

The combination here displayed suggests the common name of

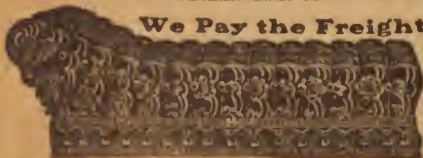


one of the beautiful little delicate flowers which adorns our meadows so freely during early spring. The stately, erect leaves, tinged with chocolate brown, push up almost as soon as the snow disappears, followed by

the single stem, with its pretty bud, drooping and opening like a tiny light-colored or golden bell. Can you tell its common name? And if so, can you tell why such a peculiar name was given it?

Mr. Park:—I have been buying seeds from you for fifteen years, and taken your Magazine most of that time. I would not like to be without it. Poweshiek Co., Ia. Mrs. R. W. King.

Asparagus.—Can any of the sisters tell me what is the matter with my Asparagus plumosus? I have had it seven months, and it has not put up a single new shoot, and looks dry and yellow instead of green?—Mrs. Mc F., S. Ca.



We Pay the Freight

FREE

We send this large Handsome Couch free to any one for taking orders for only 30 cans of our Baking Powder. No trouble to take orders, as we give a beautiful Pitcher & 6 glasses or a handsome China Berry Set free to each of your customers. This upholstered couch is over 6 feet long & is covered with rich velour, fitted with steel springs & fringe on bottom. Send no money. We will trust you with the Baking Powder & Couch & give you time to deliver goods before paying us. Or we will pay you a liberal cash commission for taking orders. Send for Agents Outfit, Etc.

KING MFG. CO., 201 King Bldg., St. Louis, Mo.

Römer's Giant Pansies,

embracing all shades, colors and markings. Only 25 cents for 10 packets. **PARK, La Park, Pa.**

QUESTION AND ANSWER.

Root Lice.—Mr. Park: I had a beautiful white Chinese Primrose, that bore a cluster of blossoms as large as a dinner plate. One day I noticed it drooping, and found a mass of white lice around the roots. I applied quassia chips tea, and it seemed to kill them on the top soil, but I could not soak it enough to kill them deeper in the soil, without injury to the plant. I lifted it and found the roots simply alive with little white lice. They were removed and the plant repotted, but it died. How should it have been treated? Also please name the best white, red and yellow Primroses with pretty foliage as well as lots of bloom. —Mrs. White, Jefferson Co., N. Y.

[ANS.—A mixture of Tobacco tea and Quassia-chips tea, not too strong, applied freely slightly hotter than the hand will bear, and applied in such quantity that the earth will be thoroughly soaked, is perhaps the best remedy recommended. Before applying let the soil become moderately dry. Two or three applications at intervals will be found effectual. The Primroses most desirable for flowers and foliage are P. Sinensis of a choice strain, and the large-flowered P. obconica, in white and lavender-pink; for yellow P. floribunda grandiflora is not surpassed as a pot plant. Many other kinds approach these so nearly that some persons might recommend them in preference, as for instance the Stellata varieties for white and pink and P. verticillata for yellow. All the Primroses are so handsome and so easily grown that a good assortment should be found in every flower collection.

GOSSIP.

Dear Floral Band:—I want to tell you how to enjoy the native Wild Flowers and Ferns during our cold winters of the Eastern and Middle States. Many years ago my husband made me a case, or box, with glass sides and ends, being only about four inches deep and lined with zinc; but the glass extended above the box on its frame eighteen inches high. The case is two feet long and one foot wide, and a pane of glass lies over the top. Over the bottom I put a layer of broken charcoal, over this several inches of good, rich soil. Now comes the pleasure of filling it for winter. This year I began early, putting my case on the back veranda. I brought home from my summer outings a bit of each rural scene I visited in the shape of a Fern root or piece of Moss, put them carefully in my case, beginning at one end, that they need not be disturbed later, keeping the case covered with a cloth to exclude the light. Later, in October and November, I visited the woods and brought in Hepatica, Blood Root, Violets, Wild Strawberry, Partridge Vine, and varieties of Moss. I filled my case, and you would be surprised to see how much it holds. Even now it is a thing of beauty, although still under cover on the veranda. I leave it out of doors until hard frosts come, and if it is frozen it does not hurt it; in fact I think best to let it freeze, as it is more like the natural condition of our Wild Flowers and Ferns. When severe weather comes I bring it in to a north or west window, and all winter long I watch its growth. The Ferns unroll their fronds, the Hepaticas lift up their bright little blossoms, Jack-in-the-Pulpit grows up so tall he has to bow his head under the glass, and a real bit of our native wilds charms every one who sees it. It only needs water once in two weeks, and if I fear it is too wet I slide the top glass to admit air. If the plants are not put in until just before the ground freezes up it would perhaps be best, but it has been most convenient for me to get them by degrees, so I have kept them outdoors and partly darkened.

Schen. Co., N. Y.

M. A. Clowe.

Mr. Park:—My little daughter takes your very instructive Magazine, and I always read it with much interest. The articles are well written and contain a great deal of information, and it is really indispensable to the amateur. L. M. Gage. Addison Co., Vt., July 3, 1903.

WONDERFUL SCALE BARGAINS

85c Buys this guaranteed **AMERICAN HOUSEHOLD SCALE**. It weighs up to 24 pounds by ounces. Made of steel with steel top. White enameled dial, easy to read and very convenient. Every scale tested and warranted correct. Weight packed for shipment, 6 pounds. Order at once under our guarantee to please you in every way or immediately return money. Our Free Scale Catalogue makes the most astonishing scale offer ever heard of.



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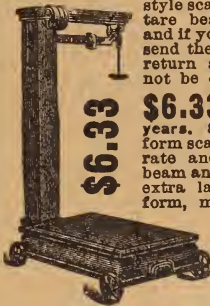


\$1.75 Buys the **U. S. FAMILY SCALE**. Capacity, 60 pounds by 2 ounces, the most practical, all purpose scale made. Made of drawn steel, finished in black enamel, extra large aluminum dial, guaranteed absolutely correct. Height, 10 inches. Shipping weight 12 pounds. Order direct from this advertisement or WRITE FOR OUR FREE SCALE CATALOGUE.

\$1.98 **PLAT-FORM COUNTER SCALE**, guaranteed for 10 years. Made of very best material and accurately adjusted. Will weigh from 3½ ounces to 240 pounds; fine steel bearings, tin scoop, heavy brass beam. Size of platform, 10x13½ inches. Weight, packed for shipment, 43 pounds. \$1.98 is a special offer price, the greatest scale bargain ever heard of. For \$2.40 we furnish same style scale with double beam (extra brass tare beam). **SEND US YOUR ORDER**, and if you are not more than satisfied send the scale back to us and we will return all your money, and you will not be out one cent.



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\$6.33

\$6.33 **600-POUND PLATFORM SCALES**. Guaranteed 10 years. \$6.33 buys this high grade platform scale, guaranteed absolutely accurate and true, modern design, brass beam and sliding poise, tool steel pivots, extra large, heavy wood center platform, mounted on heavy wheels; 600 pounds capacity by 4 pounds; platform, 17½x26½ inches. Shipping weight 160 pounds. Order direct from this ad, or for more complete description of this and other sizes, write for our Free Scale Catalogue.

\$25.78 **STEEL LEVER WAGON SCALES**, guaranteed 10 years. For \$25.78 we furnish our 10-year, guaranteed unbreakable, trussed steel lever wagon scale; big capacity, large platform. Every scale covered by our written, binding guarantee.

\$29.75 buys this **Genuine True Weight Combination Beam**, no loose weights, steel lever wagon scale; capacity, 5 tons; guaranteed in writing for 25 years. The equal of wagon scales that usually sell at two to three times the price. For large illustrations and complete descriptions of these and other scales, a big variety, all at correspondingly low prices, about one-half what other dealers ask; for our great 30 days' free trial offer, our liberal terms, for the most wonderful scale proposition ever heard of, write for our Free Scale Catalogue. Our free catalogue explains how any farmer can get a set of wagon or platform scales in six months without one penny's cost. You can order any scale in this advertisement with the understanding that we will return your money and pay freight or express charges both ways, if you don't find the scale is a wonderful bargain and that you have saved about one-half in price.

Address **SEARS, ROEBUCK & CO., CHICAGO.**

CHOICE CALIFORNIA SEEDS.

10c.

Will buy a liberal packet of the Calif. Poppy "Golden West," or the Giant Climbing Nasturtium "Jupiter," or the Shasta Daisy, or for 25c. will send all three together with my booklet describing hardy California seeds.

F. GILMAN TAYLOR, Glendale, Calif.

Don't Neglect Rheumatism

New Appliance for Drawing Acid Poisons From the System through the Pores of the Feet Sent to Anybody

FREE---On Approval---Try It!

Don't neglect rheumatism. The acid poisons accumulate day by day until joints become solidified in horribly distorted shapes and relief from the indescribable suffering is beyond the power of man to give.



Heed the warning pains of rheumatism and rid your system of the cause while you can by wearing Magic Foot Drafts. Don't take harmful medicine. The Drafts draw out the acid poisons through the great pores of the feet, where the capillary and nerve systems are most susceptible, reaching and curing rheumatism in every part of the body.



If you have rheumatism send your name today to the Magic Foot Draft Co., 591 Oliver Bldg., Jackson, Mich. You will get by return mail a pair of the celebrated Magic Foot Drafts, which have made a record of curing nine out of ten cases in Jackson, where the discoverer lives, and have already become a household remedy all over the world. No other remedy ever cured so many cases considered incurable. That is why the makers can send them on approval. You risk nothing. If you are satisfied with the benefit received, send one dollar. If not, send nothing. A fine booklet in colors and many testimonials comes free with the Drafts. Better not delay. Write to-day.

ASTHMA Cured to stay Cured. Health restored Book 20 FREE, P. Harold Hayes, Buffalo, N. Y.

\$8 Paid Per 100 for Distributing Samples of Washing fluid. Send 6c. stamp. A. W. SCOTT, Chicago, N. Y.

BRIEF ANSWERS.

Fuchsia.—In the spring, as soon as the Fuchsia plants show signs of new growth repot them, removing the old soil about the surface and using a pot an inch larger, with a rich compost, well firmed between the ball and the pot, shading for a few days, and giving plenty of water. At this time cut back the old plant liberally, so that new sprouts will issue. Partial shade, rich, fibrous soil and liberal supplies of water while growing and blooming are essential to Fuchsias. In summer the plants do well bedded out on the north or east side of a wall or building.

Thrips.—Thrips are diminutive insects which injure the leaves and soft stems of plants by means of a proboscis or sucking tube, after the manner of Aphides or Plant Lice. Many have light colored wings or bodies, and as the wings are large in comparison with the body when touched, as an inquirer observes, "there is nothing." The best remedy is a suds to which is added quassia chips tea, the liquid applied as hot as the hand will bear. This will be found to be an effective remedy.

Mr. Park:—I have been a subscriber to your Magazine since 1884, and now I could not keep house without it. It is such a help in growing flowers. I like to read it from cover to cover. At the end of each year I bind all of them together, and place with my most treasured books for future reference. It seems strange so few people take an interest in floriculture, or take any floral paper. Many say they like flowers, but it is so hard to raise them. I have not found it so. It is a pleasure with me. Some think you a crank if you have many flowers about. I have a large family, and when tired of other work I go out and work among my flowers and it gives me rest. Then when I feel blue or dissatisfied I walk out among the flowers, and how soon I am happy again. I know of a family that was given a Geranium and they had to wash the window to let in more light for the plant, and then the room was cleaned to match the plant and window, so finally they cleaned the whole house. See how much good one little plant did in that home, and how many more could be benefitted. What a grace a few potted plants give to a room, no matter how poor the room may be. Then in order to know all about your plants you should take Park's Floral Magazine, which is now in reach of all. At ten cents a year it should be in every home in the land. The successes and failures of others I always read with great interest. I have an interest in all the floral folks, no matter where they are. M. E. B.

Ottawa Co., Mich., July 12, 1903.

Dear Mr. Park:—I have been a reader of your Magazine for six years, and do not think I could get along without it. Mrs. Ada Murphy.

Pulaski Co., Mo., Oct. 16, 1903.

NOW DEPOSITED IN THE BANK

\$75,000.00

IN CASH GIVEN AWAY.

To arouse interest in, and to advertise the **GREAT ST. LOUIS WORLD'S FAIR**, this enormous sum will be distributed. Full information will be sent you **ABSOLUTELY FREE**. Just send your name and address on a postal card and we will send you full particulars.

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108 N. 8th Street,
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\$21.00 PRICE EXPLAINED

FOR \$21.00 TO \$23.00

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Cut this ad. out and send to us and you will receive by return mail, **Free, Post-paid, FOUR BIG VEHICLE CATALOGUES** showing the most complete line of everything in Buggies, Road Wagons, Carts, Surreys, Phaetons, Carriages, Light and Heavy Wagons, Vehicles of all kinds, also everything in Harness, Saddles and Saddlery, all shown in large handsome half-tone illustrations, full descriptions and all priced at prices much lower than any other house can possibly make.

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buggies at \$21.00 to \$23.00 and why we can sell at much lower prices than all others will be fully explained. We will explain why we ship so as to make freight charges amount to next to nothing. We will explain why we are the only makers or dealers in the world that can sell buggies the day we receive your order. Our Free Trial Offer, Our Pay After Received Terms, Our Binding Guarantee are all explained when we send you the **FOUR FREE CATALOGUES**. **HAVE YOU ANY USE FOR A BUGGY?** If you can't use a Top Buggy at any price, call your neighbor's attention to this announcement. Don't buy any kind of a buggy until after you cut this ad. out and send to us and get the Four Big Free Catalogues, the most liberal offer, the very latest proposition, everything explained, all free for the asking. Write today.

SEARS, ROEBUCK & CO., CHICAGO, ILLINOIS.

GOSSIP.

Dear Floral Friends:—I had a fine Lily for several years and when I went to move it there was only one bulb. I saw in Park's Floral Magazine how to make Lily bulbs increase, so after it bloomed last summer I left the stalk standing and put dirt up around it about two inches; in the fall I put about a foot of manure on it, and this spring I had several young sprouts. I have learned more from Park's little Magazine than I ever learned from the high-priced ones, so I have dropped all but it. I am certainly a flower crank. I believe in planting in the light of the moon and placing the roots of the plants towards the east. A successful flower grower told me of this years ago, and I have had so much better luck since I tried it. Tobacco tea, not too strong, around the roots of Geraniums about once a week is quite a good fertilizer, and makes them bloom much better. Anyone can succeed with flowers if they will give the proper care. The first thing is to water well, then press the dirt tightly around the roots, so they will root and not rot. Water when it is needed, not drown them one time, then neglect them until almost burnt up by the hot sun. Care and patience will be rewarded.

Clark Co., Ky.

Aunt Nan.

Dear Sisters:—Have you ever tried burning up your Cactus to make it bloom? Joking aside. One of our neighbors had the misfortune to lose her home by fire. She had a magnificent flat-leaf Cactus that had kept on growing for years without blooming. It got a severe scorching in the fire, but she managed to get it out. The leaves had the tips burned off, and the poor thing did look dilapidated; but while the mother and daughter were bemoaning the looks of their Cactus it was putting forth buds on the poor burnt stems, and blossomed just finely. Now don't every last one of you go to work and set your homes on fire. I am only telling what this fire did for our neighbor. A mere cutting off the ends with a knife, would do as well, perhaps.

Mabel H. Monsey.

Snohomish Co., Wash.

Mr. Park:—I enjoy reading your Floral Magazine. I take another journal, but I find your Magazine more instructive than any other I have read.

Mrs. J. F. Barber.

Kamloops, B. C.

GOAT LYMPH TREATMENT

Cures Nerve Diseases, Nervous Prostration, Anaemia, Neuralgia, Locomotor Ataxia, Rheumatism and General Debility. Our Goat Lymph Tabloids are the original and only preparation for stomach administration. Send for a FREE trial bottle. **GOATILIN CO.**, 52 Dearborn Street, Chicago, Illinois.

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We pay the freight. This elegant full size Oak or Mahogany fine Rocker will be given free to any lady who will take orders for 10 cans of our Columbia Baking Powder from her friends or neighbors. To every one who gives you an order, you are to give free of charge a beautiful China Fruit Set of 5 pieces, 5 pieces crumbed, with floral decorations. No trouble to take orders this way. No money required in advance. Simply send your name and address & we will send you our plans, order blank, etc. We will allow you time to deliver the Baking Powder & collect the money before paying us. You run no risk, as we pay the freight, and will trust you with the Baking Powder, Rocker, etc. **KING MFG. CO.**

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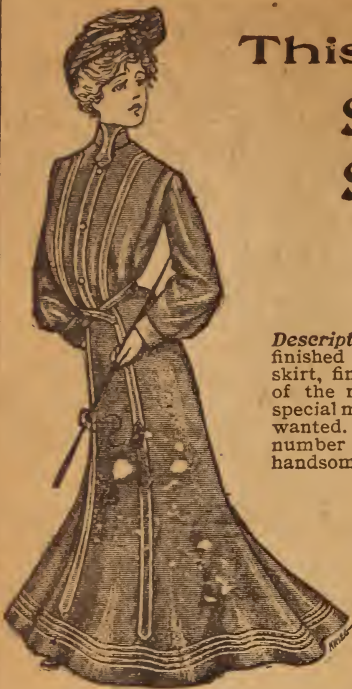
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GOSSIP.

Dear Floral Band:—I have been taking the Magazine for three years, and have read and re-read every copy. When I am at a loss to know how to care for my many beautiful plants, I just hunt in my Park's Floral Magazine. I have a very fine Begonia rubra which is about four years old, is four feet high and has 36 bunches of bloom on. My Plumbago capensis is the same age. It had twenty-three bunches of bloom in July; and is 2½ feet high. I have a Fig tree 2 feet high, two years old and has 8 figs growing. I have an Otahite Orange that is 15 inches high and had 73 blooms on and three oranges. I also have the American Wonder Lemon 14 inches high with five lemons on, 2 of which are as large as any bought in market, and are green yet. I received the plant a year ago, and it was then 8 inches high. I have a Banana plant 16 inches high each leaf that opens grows larger. I have the Asparagus plumosus nanus and the Sprenger; Palms Latania Borbonica, Areca Lutescens, and the Washingtonia filifera; also the Date Palm, the Primula Obconica, the Sword Fern, fronds two feet long; the Boston Pigmy Fern, which is a beauty. I have not named them near all. I will give my ways of caring for them separately, or severally, another time. I received many of my plants from Mr. Park and not an inferior plant in the lot.

Irene Clifton.

Pickaway Co., Ohio.

Mr. Park:—The Floral Magazine is not only a very great help, full of valuable information, but a very great pleasure also. I sent some of my copies to a sick friend and they have given her much pleasure.

Mrs. W. J. Davenport.

Peach Trees Large size 3c each. Trees kept dormant in good shipping condition till May 20. Cir. free. R. S. Johnston, B68, Stockley, Del.

A Huge and Glorious Bedding Plant

PARK'S STAR FLOWER.

Price, 4 packets 10 cts, 1 packet 3 cts.

Here is a giant blooming plant from the Argentine, semi-tropical in appearance and displaying throughout the season a mass of graceful, creamy white, deliciously-scented flowers. It is a species of *Nicotiana*, commonly known as Star Flower, because of its star-like form. The plants are easily grown from seeds, begin to bloom when young and small, and increase in size and beauty each day as the season advances until after severe frosts. Some persons report success with it for winter blooming, growing in pots and shifting till they occupy eight-inch pots. It is for beds, however, the plants are specially recommended. They grow from six to ten feet high, exhibiting enormous leaves and glorious branching stalks, every branch bearing a magnificent panicle of flowers which are open day and night, attracting the attention and admiration of all who pass, and making the garden air redolent with their delicious perfume. If kept from forming seeds the flowers are borne freely and continuously the entire season. Those who have grown this grand novelty speak of it in the highest words of praise, as the following sample letter will attest:



Mr. Park:—I bedded out a plant of Park's Star Flower in April, and it soon became a beautiful tree, branching within two feet of the ground, and showing a mass of fragrant, white flowers. As the seeds began to ripen I cut the branches back, and in a little while new shoots appeared, and the plant was white with bloom. Again I cut it back and again it grew and bloomed. To-day, November 27th, it is in full bloom, although we have had three frosts and two snows. It is simply a magnificent and most satisfactory plant.—E. L. Arbury, Texas Co., Mo.

Park's New Giant Striped Maize.

Price, 4 packets 10 cts., 1 packet 3 cts.



A grand novelty among foliage plants is Park's New Giant Striped Maize. The plants grow as readily as field corn, attaining the height of from seven to twelve feet, the leaves gracefully arched and gorgeously striped green, white, rose and gold. In autumn the stalks are surmounted by large plummy tassels. A group of this splendid foliage plant upon the lawn is exceedingly beautiful and attractive, and never fails to elicit the admiration of all who see it. I could fill pages of this Magazine with enthusiastic letters, but have room only for the following:

Mr. Park:—I wish to speak for Park's Giant Striped Maize. The foliage is more than handsome—red, green, white and gold stripes in different widths running the length of the leaves, and some leaves nearly all white. Your Maize is a beauty, indeed. My husband thought it the prettiest thing in the yard.—Mrs. Wm. H. Fisher, Potter Co., Pa.

Mr. Park:—The Giant Maize was lovely until the frost came. It measured 12 feet 4 inches high. I shall try it another season.—Mrs. M. Gillett, Defiance Co., O., Oct. 20, 1903.

Mr. Park:—Your Giant Striped Maize was glorious—so tall and stately that everyone who saw it admired it. I planted the seeds May 10th. One stalk grew 13 feet 8 inches high, and the other 13 feet 10 inches high.—Mrs. S. A. Diehl, Stark Co., Ohio.

Special Offer

Park's Floral Magazine, Monthly, 1 Year, Only
1 Packet of Seeds of Park's Star Flower, 15 Cts.
1 Packet of Park's Giant Striped Maize,

If you want something your friends do not have, something that will make showy and attractive groups, plant seeds of these two grand novelties. You will never regret the small outlay, and the Magazine you will find of more value to you than the trifling sum asked for all. These novelties are of the easiest culture, and cannot but prove a source of wonder and admiration to yourself and friends. Sent postpaid to any address at above prices. Order at once.

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We will send the above latest pattern beautifully Embossed & Decorated Tea Set, full size, for family use & exactly as illustrated above, to any lady who will take orders for only 10 cans of our Baking Powder, & allow her to give free to each person ordering a can, a beautiful Gold & Floral Decorated China Fruit or Berry Set of 7 pieces, or we will pay cash commission. No trouble to take orders this way. Simply send your name & address & we will send you our plans, order blank, etc. We will allow you time to deliver the Baking Powder & collect the money before paying us. You run no risk, as we pay the freight & will trust you with the Baking Powder & Dishes. We also give away Dinner Sets, Dress Skirts, Couches, Furniture, etc. **KING MFG. CO. 684 KING BDLG., ST. LOUIS, MO.**

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produce the most luxuriant tresses from dry, coarse and wiry hair, and bring back the color it originally was before it turned gray. Full size package sent by mail, postpaid, for 25 cents. **OZARK HERB CO., Block 9, St. Louis, Mo.**

CHILDREN'S CORNER.

Dear Mr. Park:—I am a little girl seven years old and go to school. My mamma has taken your Magazine for several years. I have one sister and one brother. I like flowers and like to read the Children's Corner. For pets I have a dog named Ruby, a pup named Toto, and two cats. Opal Marvel.

Dewitt Co., Ill., Feb. 29, 1904.

Dear Mr. Park:—I am a little girl eight years old, and in the fifth grade. I like to go to school and I like my teacher. I am very fond of flowers. My favorite flowers are Pansies, Roses and Sweet Peas. I live in the country. Mamma has been taking your Magazine for a long time. I like to read the Children's Corner.

Wayne Co., Ohio. Ethel Marie Boner.

Mr. Park:—My grandma has taken your Magazine for five years and likes it very much. I am a little girl eight years old and can read the Children's Corner very well. Mamma and I both love flowers, and grandma has, oh! such nice ones. Josephine Ellsworth.

Adams Co., Pa., Oct. 3, 1903.

Dear Mr. Park:—I am a little boy ten years old. My mamma has taken your Magazine for five years or more. We have a good many flowers, and I like to watch them grow, and pick the blooms. I have two pets, a dog and a horse. I am learning to play the violin. I am in the third reader, but we have no school so I work in the garden. Howard Alexander.

Clay Co., Ark., June 5, 1903.

Dear Mr. Park:—I am a little boy eleven years old, and I am a reader of your Magazine. I like a pretty flower garden. I like to read the boys' and girls' corner. C. A. Adams.

Essex Co., Mass., May 4, 1903.

Mr. Park:—I have been a subscriber for over two years and could not think of doing without your Magazine. Mrs. Jennie Archer.

Sonoma Co., Cal.

LADIES

Write to-day for a FREE sample of ALLEN'S FOOT-EASE, a powder to shake into your shoes. It makes tight or new shoes feel easy. Cures Corns, Bunions, Chills, Aching, Swollen, Smarting, Hot, Callous, Sore and Sweating Feet. Thirty thousand testimonials. All Drug and Shoe Stores sell it, or by mail, 25c. Address for sample, Allen S. Olmsted, LeRoy, N. Y. Lady Agents wanted everywhere.

YOUR FORTUNE told. Send name and address with two-cent stamp and date of birth, and I will send a pen-picture of your life from the cradle to the grave. Prof. LeAmzi, Dept. 70, Bridgeport, Conn.

MOTHERS Enuresine cures Bed-wetting. Sample free. Dr. F. E. May, Box 209, Bloomington, Ill.

Dear Floral Band:—I have a Sword Cactus which bears a large, glowing scarlet flower. In the perfection of its exquisite beauty it seems as though it would melt and vanish. It is standing alone in its glory, with not another flower near it; with only green around it, harmonizing wonderfully with it. Green for a setting, and green for a background. Elsewhere the blossoms of Pomegranate trees are glowing like flames of living fire. They have their beautiful leaves for a setting and a back ground. Singular to relate, the leaves of the double Pomegranate are a very dark green, while those of the single-flowering are a light green; though the flowers of each are identical in the same shade of pure, soft scarlet. The flowers of the double variety are comparatively large, averaging two and two and a half inches across. This morning I measured one that was over three inches across. Away from these some twenty or more Amaryllis Johnsoni are budding and blooming. The rich velvety flowers are glowing crimson. One of these I measured, just a moment since, and it was fully six inches across from tip to tip of petal. They are growing in pots and boxes, and, apparently thrive on neglect. Across the yard a Crimson Rambler Rose is growing over a rack, and in a bed beneath it Madonna Lilies grow and glisten in their white glory. They are exquisitely lovely; lovely beyond all other Lilies. They glisten in their white glory while the Rambler Rose revels in crimson and glows and glows, thus forming a beautiful contrast. The Roses will now soon fade, and I shall cut the Lilies, the loved Lilies, and bring them in and fill the vases with them to beautify the rooms. Ada Gist.

Mason Co., W. Va., June 13, 1903.

Mr. Park:—I have had much pleasure from plants of Chinese Primrose grown from seeds. I am not usually successful with Primrose seeds, so did not expect much from them, but thought I would do my best. I took fine leaf-mold and filled a small wooden box, set the box in a pan of water until the soil was moist, then sprinkled the seeds on the surface and covered very lightly with the fine soil. The box was placed on a table behind the other plants until the tiny plants appeared. As soon as large enough they were transferred to tiny pots, and again to others as they grew, and when they bloomed they were indeed beautiful. One had very large leaves and large pink flowers; another had small leaves and white flowers. Miss B. C.

Jackson Co., Kans., Nov. 6, 1903.

Mr. Park:—I have been a reader of the Magazine for two years, and I am well pleased with it. It is a great help to me in caring for my plants. I shall never be without it while I am able to keep flowers. Mrs. C. McFarland.

Decatur Co., Iowa.

Mr. Park:—I value your Magazine very highly, and when in doubt as to the care of a plant, I have only to consult its pages to find just what I wish to know. Kate E. Palmer.

Walworth Co., Wis.

BY SPECIAL arrangement PROF. ASTRO, the world's famous astrologer, has decided to give every reader of PARK'S FLORAL MAGAZINE a free horoscope of their lives. Send name, address and date of birth at once, and have

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To Show Good Faith and to Prove to You That I Can Cure You I Will Send Free a Package of My Remedy to Every Sufferer.



I hold the secret of a discovery which has never failed to cure women of piles or female weakness. Failing of the womb, painful menstrual periods, leucorrhea, granulation, ulceration, etc., are very readily cured by my treatment.

I now offer this priceless secret to the women of America, knowing that it will always effect a cure, no matter how long you have suffered or how many doctors have failed.

I do not ask any sufferer to take my unsupported word for this, although it is true as gospel. If you will send me your name and address, I will send you a trial package absolutely free, which will show you that you can be cured. The free trial packages alone often are enough to cure.

Just sit down and write me for it today. Mrs. Cora B. Miller, Box No. 50, Kokomo, Ind.

DRUNKARDS

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Any woman can cure her husband, son or brother of liquor drinking, by secretly placing this remedy in his coffee, tea or food without his knowledge. It is entirely odorless and tasteless. Any good and faithful woman can wipe out this fearful evil and permanently stop the craving for liquor, as did Mrs. R. L. Townsend, of Selma, La. For years she prayed to her husband to quit drinking, but found that he could not do so of his own free will, and learning of this remarkable cure, she determined to try it. Mrs. Townsend says that before she gave

her husband half a box of Milo Tablets, he lost all desire for beer or whisky; the sight or odor of them now makes him deathly sick. Mrs. Townsend's word of gratitude is only one of the thousands in possession of this company. Anyone who will send their name & address & 4 cents to cover postage to the Milo Drug Co., 38 Milo Building, St. Louis, Mo., will receive by mail, sealed in plain wrapper, a free package of this wonderful remedy and full instructions how to cure this drink habit. It costs nothing to try it.

A 40C. BOX

Given to any lady suffering with disease peculiar to our sex who will send the names and addresses of ten other ladies with same diseases. Address, Mrs. Harriet X. Hartman, South Bend, Ind.

LADIES! Chichester's English Pills are the best. Safe, Reliable. Take no other. Send 4c., stamps, for particulars. Booklet for Ladies in Letter by Return Mail. Ask your Druggist Chichester Chem. Co., 2282 Madison Square, Phila., Pa.

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Great factory clearing sale at half factory cost. We Ship on Approval without a cent deposit and allow 10 DAYS FREE TRIAL on every bicycle. Any wheel not satisfactory returned at our expense.

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If so, why not reduce your weight & be comfortable. Don't ruin your stomach with a lot of useless drugs. Our method is perfectly safe, natural and scientific. It strengthens the heart, allows one to breathe easily and takes off Double Chin, Big Stomach, Fat Hips, etc. Send your address & 4 cents to the Hall Chemical Co., 39 Hall Building, St. Louis, Mo., for Free Trial Treatment. No starving. No sickness. It reduces weight from 10 to 20 lbs. a month, & is perfectly harmless.



FREE GOLD WATCH

This watch has American movement fully warranted to keep correct time. The case is Solid Gold Plated, equal in appearance to a Gold Filled Watch warranted 20 years. We give it FREE to Boys and Girls or anyone for selling 20 pieces of our handsome jewelry at 10c each. Send your address and we will send the jewelry postpaid, when sold send us the \$2 and we will positively send you the watch and chain.

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or ailing, and have failed to find relief, write to me at once. Give name, age, sex, color of hair and eyes, most troublesome symptoms, & postage, and I will send you a Scientific Diagnosis of your case FREE and outline a course of treatment that will cure your ailments. **DR. J. C. BATDORF, 14 Diag., Grand Rapids, Mich.**

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Pansies. Roemer's Giant, 10 packets, embracing all known shades, 25c. **PARK, Lapark, Pa.**

EXCHANGES.

Mrs. S. M. Wallis, Gage, Okla., T., will ex. Chrysanthemums and yellow or pink Cactus, etc., for Rose of Sharon, Emperor of China Rose and Honeysuckles.

Mrs. K. Holdren, Parkersburg, W. Va., will ex. hardy Chrysanthemums, and Lilies for scarlet Bergamot or house slips. Send.

Georgiana S. Townsend, Hollywood, Calif. will ex. blooming-size Gladioli bulbs for red or white Crepe Myrtle, Christmas Rose and Fleur de lis; write first.

Mrs. John Etheridge, Leando, Iowa, has tubers of Madeira and Cinnamon Vine to ex. for Foxglove roots. Write.

Miss Bertie Heath, Ashland, Va., will ex. Cinnamon Vine bulbs, Golden Glow or purple Althea for rooted slips of house plants or Cannas.

V. H. Ogburn, 1209, 23 St., Des Moines, Iowa, has seeds of Nicotiana Sylvestris, Canna bulbs and Chrysanthemum plants to exchange; write.

Anna Lois Mentlick, Colby, Kans., will ex. choice Chrysanthemums, hardy Achillea, Poet's Pink, etc., for choice house plants and bulbs.

Mrs. R. Lafontaine, Shell Knob, Mo., will ex. ever-blooming Chrysanthemums, white and yellow, double, for named Chrysanthemums and Iris.

Mrs. S. R. Pierpont, Chester Hill, Ohio, has 50 varieties of seeds to ex. for Clematis Henryi, Shrubs, Roses, roots, plants and bulbs. Send, state wants.

Mrs. Sarah Smith, Newark, N. Y., will ex. Dahlia clumps, Gladiolus bulbs and house plants for Chrysanthemums and red Paeonies.

Mrs. M. O. Boyd, Cotulla, Texas, will ex. Mexican Century Plants for yellow Jasmine, Lilac, Weigelia and Tartarian Honeysuckle. Send.

Mrs. L. Loving-Henton, Ill., will ex. Camellia-flowered Balsam, Poppy, Verbena and flowering Almond. Write.

Mrs. G. E. Rodefer, Lewistown, Mo., will ex. hardy Ferns, Daisies and Chrysanthemums for Geraniums, Pelargoniums and perennials. Label.

Mrs. Ella Gibson, Rase, Kan., R. R. No. 1, will ex. Begonias and Lily bulbs for Fuchsias, Begonias, double Violets or any good house plants.

Mrs. C. V. Graham, Buckland, Mass., will ex. Aca-cia lophantha and Cobaea scandens seeds for Euca-lyptus seeds and Ruellia plants. Write.

Mrs. Wm. Sellers, Lima, Ohio, R. R. No. 6, will ex. white Paeonies for white Day Lilies, Lily of the Valley Cinnamon Vine roots and other Paeonies.

GOSSIP.

Flower-loving Readers:—My husband and I are especially interested in growing bulbs, tuberous-rooted plants and hardy plants. We think Tuberoses, Gladiolus, Dahlias, Cannas, Caladiums, Hyacinths, Tulips, Narcissus and Crocuses are among the most beautiful flowers. We grow them by the thousands. No plant is so easy to grow and so sure to bloom as one that grows from a bulb or tuber. Another point in their favor is, when you once have them they are a thing of beauty forever. I could give much advice gained by experience as to growing them, but as Mr. Park gives such careful directions it seems hardly necessary. I believe that the love of flowers is doing a great work in making true Americans, and Mr. Park is doing more to broadcast this love than any other factor. Don't fail to grow a lot of summer-flowering bulbs, Tuberoses, Gladiolus, Cannas and Dahlias grow like weeds, with very little attention.

Dare Co., N. C.

Mrs. E. N. Anketell.

Mr. Park:—The Magazine comes once a month. It is surely worth the money. Just the two copies are worth the amount paid.

Botetourt Co., Va.

Mrs. D. W. Brewbaker.

Every Lady Read This.

Years ago when I was a sufferer, an old nurse told me of a wonderful cure for Leucorrhoea, Displacements, Painful Periods, Uterine and Ovarian troubles. It cured me in one month. It is a simple harmless lotion that can be prepared by any one having the recipe. I will send it free to every suffering sister who writes to me. Address Mrs. M. HUDNUT, SOUTH BEND, IND.

START local factory on \$5; illustrated book free. Mixers Guide, Fort Madison, Iowa.

GOSSIP.

Dear Floral Band:—I sympathize with those depraved people who have flower likes and dislikes, for I have them myself. Moreover I hold that the color-blind, indiscriminate flower-lover is in large measure responsible for our fallen state. We become disgusted with many innocent flowers because we so often see them arranged without regard to color. The Geranium in itself is a beautiful, useful plant, but it is a plant whose reds and pinks must be handled with caution. Our eyes are offended with the glare of its inharmonious shades jumbled indiscriminately together until it is small wonder if we come to detest it—often without knowing why. When I am rational I have nothing against an individual Zinnia,—but is there a power that grows that can show up a greater variety of clashing shades in reds and purples and yellows? Truly the poor Zinnia has met its greatest abuse from its own tasteless admirers. For the sake of beauty—of humanity—if you will grow such things keep the clashing colors separate! E. B. Spartanburg Co., S. C.

Dear Floral Friend:—A friend brought me some small Mexican Primrose plants a few weeks ago. I got some soil from an antiquated hog pen to pot them in. She remarked that she would come over and bring me some good soil, for that was not good. Yesterday she was over for some of the same soil from the hog pen, as she failed to bring me the good soil, and my Primroses had made such wonderful growth and bloom that she felt it was the kind they wanted, with sun in the south window, and plenty of water for roots and leaves. Mrs. C. C. Custer Co., Idaho,

Dear Friends:—I have a plant of Weeping Lantana that has been in bloom for nearly two years. When it gets long and straggling I cut it back almost to the ground, and in a few days it is growing and blooming again. All the care it gets is a south window, with plenty of water both overhead and at the roots. Mrs. L. B. Taney Co., Mo.

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Dear Floral Band:—My next neighbor has a flower bed that I want to tell you about. The first row is spotted-leaf Callas. She takes up the bulbs in the fall, keeps them in the cellar and puts them out in the spring. We counted sixty flowers on them at one time. Then she has Petunias and Nicotiana back of them. How pretty they are! The Callas all came from one little bulb. They increase very fast and don't seem to need any care. Charlotte Jaques.

New London Co., Mar. 5, 1903.

Dear Floral Band:—I want to endorse what Ad della F. Veazie said in the August number of the Magazine, in regard to the Excelsior Weeder, or Irin Claw, as she calls it. It is worth much more than the price asked for it, to keep the earth loose and porous around the plants. I could not do without mine. Northern Somerses. Somerset Co., Me., Aug. 3, 1903.

DR. COFFEE'S Famous Books



Mr. Fred Harper, of Springfield, Neb., says: I was growing deaf rapidly from catarrhal deafness and had given up all hope, when I commenced Dr. Coffee's Absorption Treatment, which restored my hearing perfectly.

THIS
64 PAGE
BOOK ON
DEAFNESS
SENT FREE
TO ALL

FREE

To every reader.
They explain all
about Dr. Coffee's method
and how the absorption treatment cures

THIS
80 PAGE
BOOK ON
EYE DISEASES
SENT FREE
TO ALL



H. G. Green, of Salem, Ohio, says: I was almost blind with disease of the optic nerve and could hardly see lines on paper. Doctors could not help me. I used Dr. Coffee's Absorption Treatment; it made my sight perfect, so that I threw away my glasses. God bless Dr. Coffee.

BLINDNESS and all EYE DISEASES
DEAFNESS and all EAR DISEASES



Mike Zbornik, Ft. Atkinson, was gradually getting deaf from a severe case of catarrh nothing seemed to help. Used Dr. Coffee's Absorption Treatment for one month: can now hear as well as before.



Mr. Eli Snyder, of Altoona, Iowa, says: I am 74 years old, was afflicted with catarrhal deafness for a number of years; was gradually growing deaf. I took a severe cold recently which settled in my head, making me almost totally deaf. Used Dr. Coffee's Absorption Treatment for two months and obtained perfect hearing.



Mr. C. Schwenk, of Valley Junction, Iowa, says: I was growing deaf rapidly from catarrh and noise in the ears. I used Dr. Coffee's Absorption Treatment and obtained perfect hearing.



DR. W. OAKLEY COFFEE

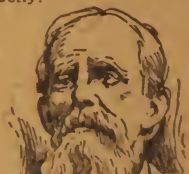
DR. COFFEE has restored sight to these people and thousands of others afflicted with cataracts, granulated lids, scums, failing sight and blindness,

And Hearing to Thousands

of deaf people, many who had been deaf for years; in no instance was it necessary for these people to leave their homes. Dr. Coffee's Absorption Treatment can be used at home by anyone with good results. But one book will be sent—state whether you want book on eye diseases or deafness.



Mrs. Lucinda Hammond, of Aurora, Neb., says: I am 76 years old and had cataracts on both eyes, which were making me blind. I used Dr. Coffee's Absorption Treatment and it restored my sight perfectly.



Mr. W. W. Jennings, of Linn Grove, Iowa, says: I was growing blind from cataracts on both eyes. I was getting too old to submit to an operation. I wrote to Dr. Coffee, used his Absorption Treatment and got perfect sight.



BABY HENDERSON

Mrs. Mat Henderson, of Rolla, N. Dak., writes: Your medicine, which I used in my baby's eyes, is simply wonderful. Doctors told me that my baby would probably be blind for life. I used your medicine in his eyes just eleven days and his sight is perfect. Words cannot praise your treatment enough or express my gratitude.

Write Dr. Coffee about your case and he will give you his professional opinion and send you his book FREE.

Address DR. W. O. COFFEE, 871 Good Block, Des Moines, Iowa